

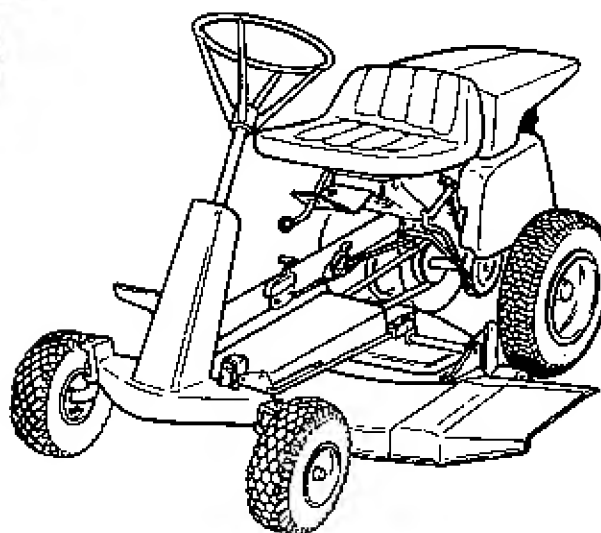
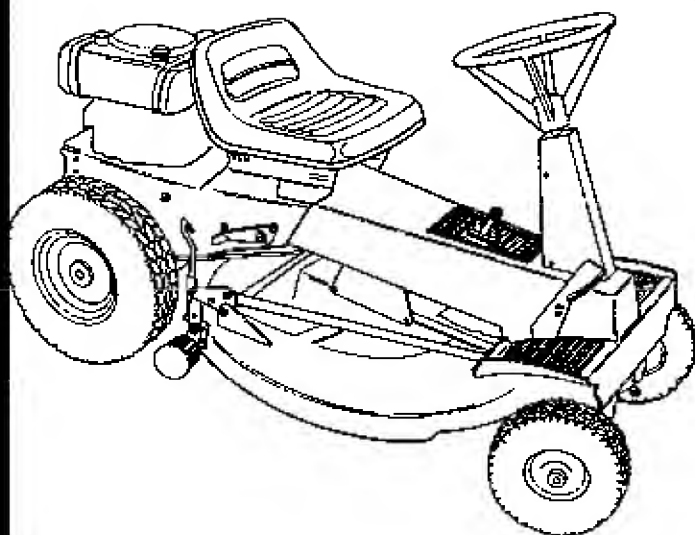
***Simplicity***  
AN ALLIS-CHALMERS COMPANY

# PARTS MANUAL

## REAR ENGINE RIDERS

(Includes 1965 - 1979)

Volumes 1 and 2



**Attention Dealers:**

This manual contains parts information for Rear Engine Riders and Attachments from model year 1965 thru 1979. When referring to this parts manual keep in mind the manufacturing number and serial number of the product.

When using the Table of Contents refer to the combination manufacturing number in the far left column to assure finding the correct page number and grouping. All manufacturing numbers noted through the book will refer to the combination numbers. The manufacturing numbers of a particular rider or mower will be listed below the combination number on the table of contents page.

A standard hardware torque chart is included on the inside back cover of this manual. Any individual or special torque on later models will be called out near its particular part.

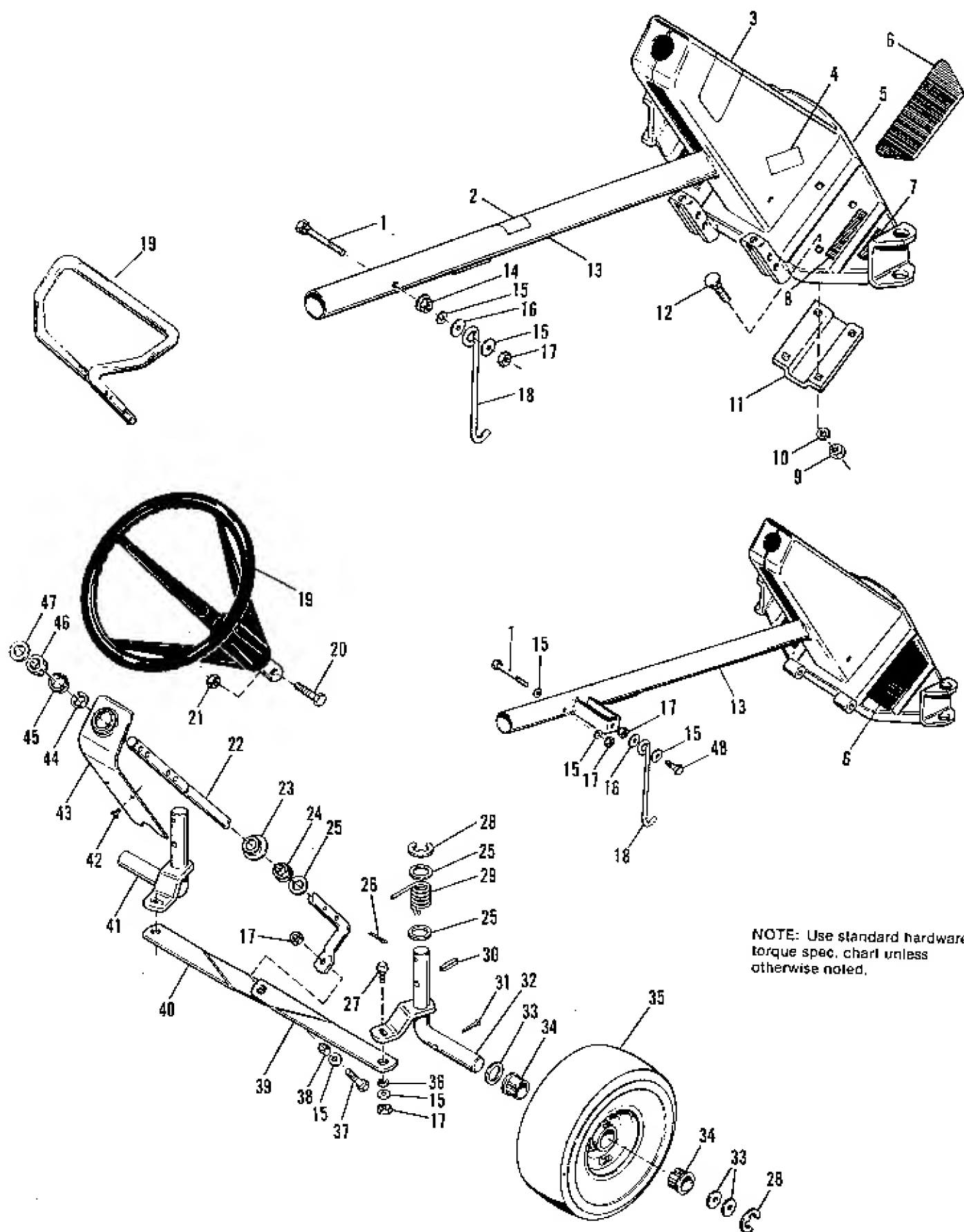
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Technical Publications

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|                                  |
|----------------------------------|
| Front Frame & Steering Group     |
| Transmission Group               |
| Belts & Pulleys Group            |
| Engine, Seat & Rear Wheels Group |
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VOLUME TWO OF TWO

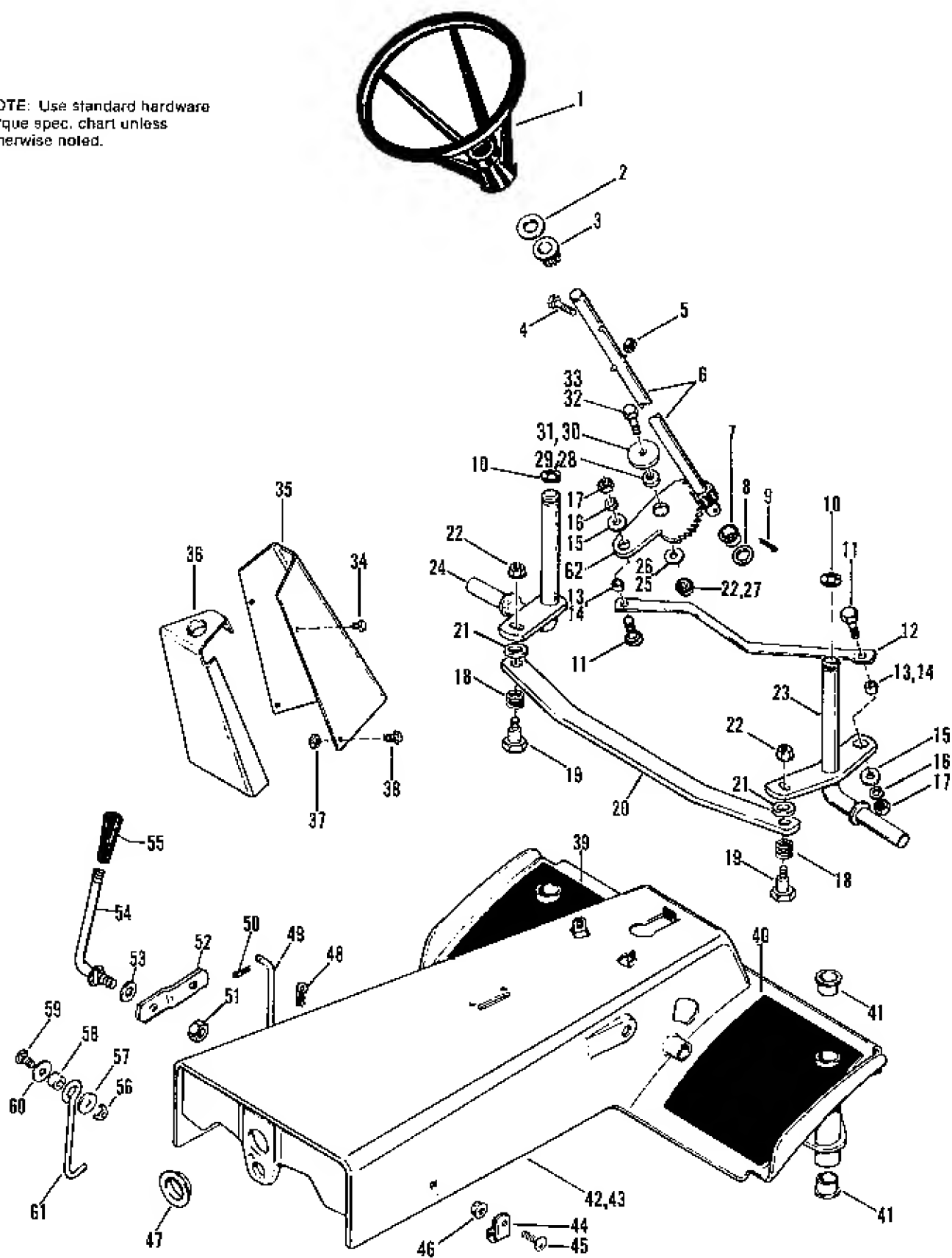


| Ref.<br>No. | Part<br>No. | Qty. | Description   |
|-------------|-------------|------|---|
| 1           | 922918      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 3-1/4                         |
|             | 922589      | 1    | BOLT, Carriage, 3/8-16 x 3-1/2 (Used on 1690240, 1690242) |
| 2           | 177078      | 1    | DECAL, Parking Brake                                      |
| 3           | 1657106     | 1    | DECAL, Steering Column                                    |
| 4           | 174924      | 1    | DECAL, Instruction  |
| 5           | 106718      | 1    | DECAL, Simplicity   |
| *6          | 158428      | 2    | PADS, Foot Rest, LH & RH                                  |
| 7           | 1609454     | 2    | PAD, Pedal (Used on 1690242)                              |
| 8           | 162098      | 2    | PAD, Pedal (Used on 1690242)                              |
| 9           | 916950      | 8    | NUT, Hex, Full, 3/8-16 (Used on 1690128, 1690242)         |
| 10          | 916965      | 8    | LOCKWASHER, 3/8 (Used on 1690128, 1690242)                |
| 11          | 1609426     | 2    | HITCH ASSY., Mower (Used on 1690128, 1690242)             |
| 12          | 923232      | 8    | BOLT, Carriage, 3/8-16 x 1 (Used on 1690128, 1690242)     |
| 13          | 1609448     | 1    | FRAME & AXLE ASSY., Front                                 |
|             | 176428      | 1    | FRAME & AXLE ASSY., Front (Used on 990900)                |
|             | 1608952     | 1    | FRAME & AXLE ASSY., Front (Used on 991020)                |
| 14          | 930646      | 1    | NUT, Flange, 3/8-16 (Used on 1690240, 1690242)            |
| 15          | 917378      | 7    | WASHER, Plain, 3/8  |
| 16          | 159134      | 1    | WASHER, Special   |
| 17          | 930651      | 4    | LOCKNUT, Hex, 3/8-16                                      |
| 18          | 176709      | 1    | HOOK  |
| 19          | 176501      | 1    | WHEEL, Steering (Used on 1690240, 1690242)                |
|             | 158574      | 1    | HANDLE, Steering  |
| **20        | 921221      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2                        |
| **21        | 923382      | 2    | LOCKNUT, Hex, 5/16-18                                     |
| 22          | 1608948     | 1    | STEERING, Shaft   |
| 23          | 158012      | 1    | CUP, Steering Shaft                                       |
| 24          | 159026      | 1    | BUSHING   |
| 25          | 108181      | 5    | WASHER  |
| 26          | 919430      | 2    | PIN, Cotter, 3/16 x 1-1/4                                 |
| 27          | 928728      | 2    | SCREW, Hex, Whizlock, Flange, 3/8-16 x 1                  |
| 28          | 927794      | 4    | RING, E   |
| 29          | 121011      | 2    | SPRING, Torsion   |
| 30          | 925362      | 2    | PIN, Roll, 5/16 Dia. x 1-1/4                              |
| 31          | 919314      | 2    | PIN, Cotter, 3/16 x 1-1/4                                 |
| 32          | 1656411     | 1    | SPINDLE ASSY., R.H.                                       |
| 33          | 101022      | 6    | WASHER  |
| 34          | 156316      | 4    | BEARING, Relief (For service)                             |
| 35          | 1608379     | 2    | WHEEL & TIRE ASSY., Front                                 |
| 36          | 153081      | 2    | SPACER  |
| 37          | 921969      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2                         |
| 38          | 158227      | 1    | SPACER  |
| 39          | 158226      | 1    | LINK, Steering, R.H.                                      |
| 40          | 158225      | 1    | LINK, Steering, L.H.                                      |
| 41          | 1656410     | 1    | SPINDLE ASSY., L.H.                                       |
| 42          | 929477      | 2    | SCREW, Hex, Washer Hd., Tapfile, #10-24 x 1/2             |
| 43          | 158215      | 1    | CUP, Steering   |
| 44          | 157241      | 1    | RING, Snap  |
| 45          | 158222      | 1    | CUP, Steering Bushing                                     |
| 46          | 157077      | 1    | BUSHING   |
| 47          | 158223      | 1    | WASHER, Nylon   |

\*Used on Mfg. No. 990900, 991020, 1690124, 1690128, 1690240.

\*\*Qty. 1 required to secure steering wheel; Qty. 2 required to secure steering handle.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



## Front Frame &amp; Steering Group

**Simplicity**

2/80

| Ref.<br>No. | Part<br>No. | Qty. | Description  |
|-------------|-------------|------|--|
| 1           | 176501      | 1    | WHEEL, Steering                                    |
| 2           | 158223      | 1    | WASHER   |
| 3           | 157077      | 1    | BUSHING  |
| 4           | 921977      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4                 |
| 5           | 923362      | 1    | LOCKNUT, Hex, 5/16-18                              |
| 6           | 175613      | 1    | SHAFT ASSY., Steering                              |
| 7           | 176444      | 1    | BUSHING  |
| 8           | 121210      | 1    | WASHER   |
| 9           | 918453      | 1    | PIN, Cotter, 1/8 x 1-1/4                           |
| 10          | 927794      | 2    | RING, Retaining                                    |
| 11          | 920415      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4                  |
| 12          | 175676      | 1    | LINK, Drag   |
| 13          | 175648      | 2    | BUSHING (Used on 990963)                           |
| 14          | 154177      | 2    | BUSHING  |
| 15          | 917642      | 2    | WASHER, Plain, 5/16                                |
| 16          | 916965      | 2    | LOCKWASHER, 3/8                                    |
| 17          | 916960      | 2    | NUT, Hex, Full, 3/8-16                             |
| 18          | 158578      | 2    | SPRING   |
| 19          | 108412      | 2    | BOLT, Shoulder                                     |
| 20          | 176711      | 1    | ROD, Tie   |
| 21          | 917642      | 2    | WASHER, Plain, 5/16                                |
| 22          | 930645      | 3    | NUT, Flange, 3/8-16 (Qty. 2 used on 1690012)       |
| 23          | 175654      | 1    | SPINDLE, R.H.                                      |
| 24          | 175651      | 1    | SPINDLE, L.H.                                      |
| 25          | 8161199     | 1    | WASHER (Used on 990963)                            |
| 26          | 178490      | 1    | WASHER   |
| 27          | 930650      | 1    | NUT, Flange, 7/16-14                               |
| 28          | 176500      | 1    | BUSHING  |
| 29          | 154177      | 1    | BUSHING  |
| 30          | 172908      | 1    | WASHER (Used on 990963)                            |
| 31          | 178489      | 1    | WASHER   |
| 32          | 928726      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 (Used on 990963) |
| 33          | 923471      | 1    | CAPSCREW, Hex Hd., 7/16-14 x 1-1/4                 |
| 34          | 922122      | 3    | SCREW, Self Tapping, #10 x 1/2                     |
| 35          | 176389      | 1    | SUPPORT, Steering                                  |
| 36          | 176391      | 1    | PANEL, Rear  |
| 37          | 926022      | 3    | NUT, Retainer                                      |
| 38          | 930594      | 3    | SCREW, Hex, Whizlock, Flange, 1/4-20 x 3/4         |
| 39          | 176809      | 1    | PAD, Foot, L.H.                                    |
| 40          | 176810      | 1    | PAD, Foot, R.H.                                    |
| 41          | 176440      | 4    | BUSHING  |
| 42          | 175452      | 1    | FRAME ASSY., Front                                 |
| 43          | 1650421     | 1    | FRAME ASSY., Front                                 |
| 44          | 122186      | 1    | CLAMP  |
| 45          | 923700      | 1    | BOLT, Carriage, 5/16-18 x 1/2                      |
| 46          | 929001      | 1    | NUT, Flange, 5/16-18                               |
| 47          | 176441      | 2    | BUSHING, Pivot                                     |
| 48          | 106787      | 1    | CLIP, Hair Pin                                     |
| 49          | 1650139     | 1    | ROD  |
| 50          | 922000      | 1    | PIN, Cotter, 3/32 x 5/8                            |
| 51          | 930645      | 1    | NUT, Flange, 3/8-16                                |
| 52          | 1650145     | 1    | ARM, Lift  |
| 53          | 101025      | 1    | WASHER   |
| 54          | 172040      | 1    | HANDLE   |
| 55          | 1650149     | 1    | KNOB   |
| 56          | 929001      | 1    | NUT, Flange, 5/16-18 (Used on 990963)              |
| 57          | 154026      | 1    | WASHER (Used on 990963)                            |
| 58          | 154177      | 1    | SPACER (Used on 990963)                            |
| 59          | 920563      | 1    | BOLT, Carriage, 5/16-18 x 1 (Used on 990963)       |
| 60          | 159107      | 1    | WASHER (Used on 990963)                            |
| 61          | 176858      | 1    | HOOK (Used on 990963)                              |
| 62          | 175617      | 1    | GEAR, Steering                                     |

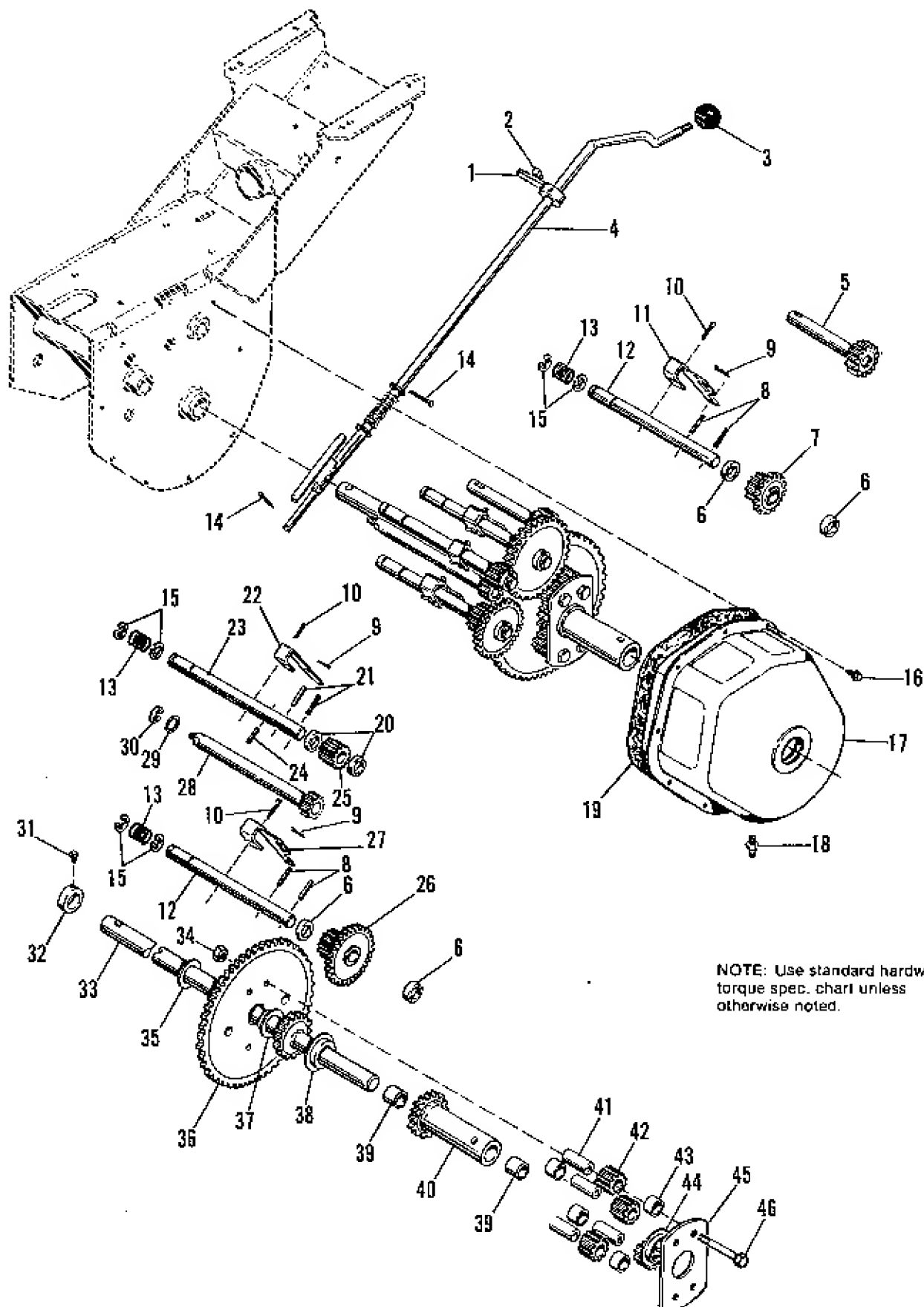
\*Used on Mfg. No. 990998, 991000 &amp; 1690012.

\*\*Used on Mfg. No. 1690012.

\*\*\*Used on Mfg. No. 990998 &amp; 991000.

\*\*\*\*Used on Mfg. No. 990963, 990998 &amp; 991000.

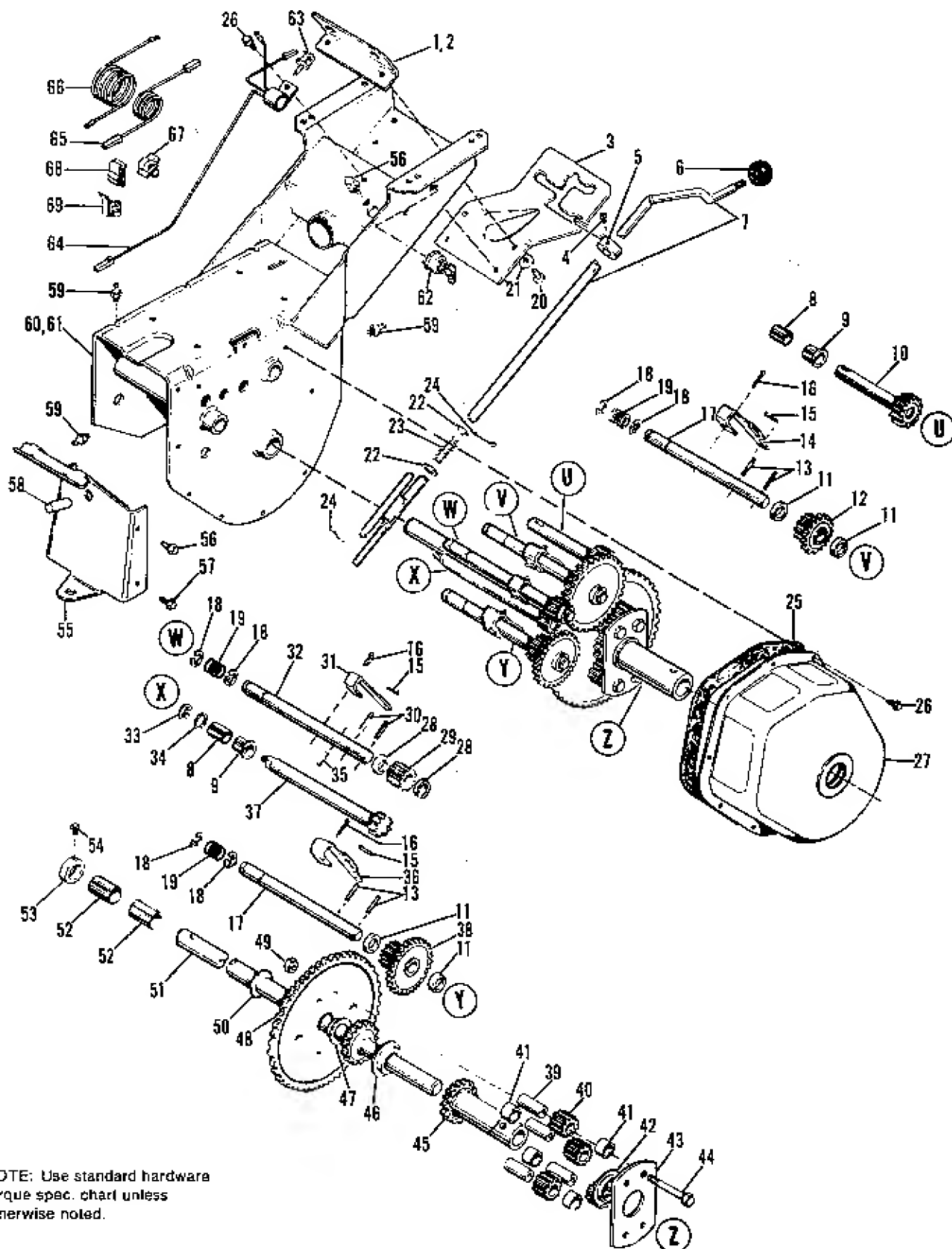
\*\*\*\*\*Used on Mfg. No. 990963 &amp; 1690012.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                                  |
|-------------|-------------|------|--|
| 1           | 176419      | 1    | LEVER ASSY.                                  |
| 2           | 928721      | 1    | SETSCREW, 5/16-18 x 1/2                      |
| 3           | 8021050     | 1    | BALL, Knob                                   |
| 4           | 176438      | 1    | ROD ASSY., Shift                             |
| 5           | 158548      | 1    | SHAFT & GEAR ASSY.                           |
| 6           | 158561      | 4    | COLLAR, Thrust                               |
| 7           | 158542      | 1    | GEAR & BEARING ASSY.                         |
| 8           | 918111      | 4    | PIN, Spring, 1/8 x 1                         |
| 9           | 918447      | 3    | PIN, Cotter, 3/32 x 3/4                      |
| 10          | 919314      | 3    | PIN, Cotter, 3/16 x 1-1/4                    |
| 11          | 158535      | 1    | LINK, Shift, Hi                              |
| 12          | 158541      | 2    | SHAFT, Intermediate                          |
| 13          | 158578      | 3    | SPRING                                       |
| 14          | 918452      | 2    | PIN, Cotter, 1/8 x 1                         |
| 15          | 1602155     | 6    | RING, Retaining                              |
| 16          | 927428      | 9    | SCREW, Hex, Washer Hd., Tapite, 1/4-20 x 3/8 |
| 17          | 158521      | 1    | CASE ASSY., Gear                             |
| 18          | 928724      | 1    | FITTING, Grease                              |
| 19          | 158524      | 1    | GASKET, Gear Case                            |
| 20          | 158562      | 2    | COLLAR, Thrust                               |
| 21          | 916188      | 2    | PIN, Spring, 1/4 x 3/4                       |
| 22          | 158564      | 1    | LINK, Shift, Reverse                         |
| 23          | 158534      | 1    | SHAFT, Reverse                               |
| 24          | 921450      | 1    | PIN, Spring, 5/32 x 1                        |
| 25          | 158557      | 1    | PINION, Reverse                              |
| 26          | 158570      | 1    | GEAR & BEARING ASSY.                         |
| 27          | 158563      | 1    | LINK, Shift, Lo                              |
| 28          | 106844      | 1    | SHAFT & GEAR ASSY.                           |
| 29          | 153079      | 1    | WASHER                                       |
| 30          | 153124      | 1    | RING, Retaining                              |
| 31          | 928709      | 1    | SETSCREW, 5/16-18 x 3/8                      |
| 32          | 158357      | 1    | COLLAR, Set                                  |
| 33          | 158352      | 1    | AXLE ASSY., L.H.                             |
| 34          | 930651      | 4    | LOCKNUT, Hex, 3/8-16                         |
| 35          | 118252      | 1    | WASHER, Special                              |
| 36          | 158530      | 1    | GEAR, Drive                                  |
| 37          | 158356      | 1    | BUSHING                                      |
| 38          | 158358      | 1    | CUP, Thrust                                  |
| 39          | 158363      | 2    | BUSHING                                      |
| 40          | 158359      | 1    | AXLE & BUSHING ASSY.                         |
| 41          | 121083      | 4    | SPACER                                       |
| 42          | 158579      | 4    | PINION, Diff.                                |
| 43          | 121084      | 4    | SPACER, Diff.                                |
| 44          | 158385      | 1    | BUSHING                                      |
| 45          | 158364      | 1    | PLATE, Diff                                  |
| 46          | 921972      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 2-1/2            |



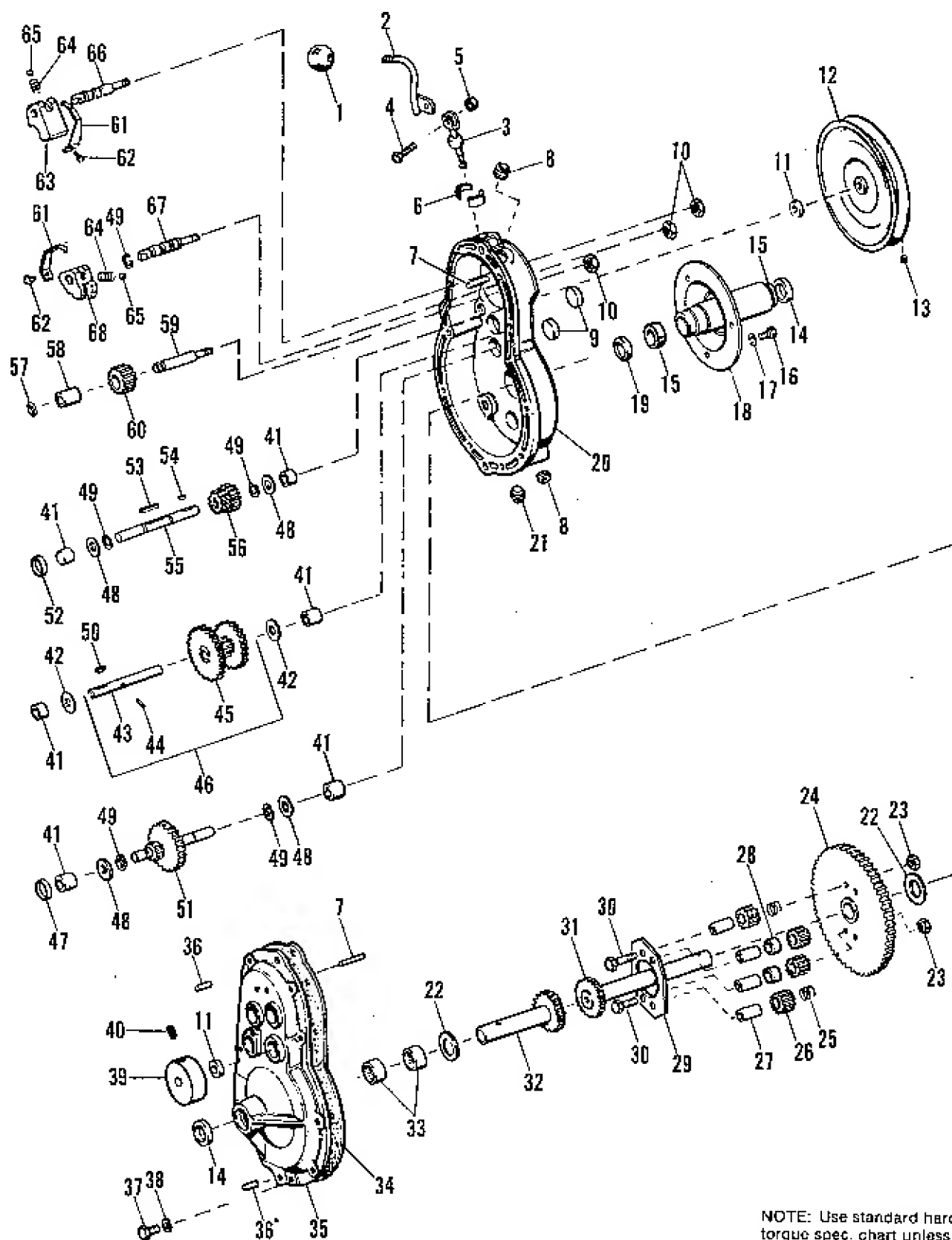
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description  |
|-------------|-------------|------|--|
| *1          | 176421      | 1    | GUIDE, Shift Rod   |
| **2         | 1609280     | 1    | GUIDE, Shift Rod   |
| 3           | 172923      | 1    | PLATE, Shift Pattern   |
| 4           | 928721      | 1    | SETSCREW, 5/16-18 x 1/2  |
| 5           | 176419      | 1    | LEVER ASSY.  |
| 6           | 8021050     | 1    | BALL   |
| 7           | 176438      | 1    | ROD ASSY., Shift   |
| 8           | 156084      | 2    | BEARING, Bronze  |
| 9           | 158559      | 2    | BEARING, Bronze  |
| 10          | 158548      | 1    | SHAFT ASSY., Brake   |
| 11          | 158561      | 4    | COLLAR, Thrust   |
| 12          | 158542      | 1    | GEAR & BEARING ASSY.   |
| 13          | 918111      | 4    | PIN, Roll, 1/8 Dia. x 1  |
| 14          | 158535      | 1    | LINK, Shift, Hi  |
| 15          | 916447      | 3    | PIN, Cotter, 3/32 x 3/4  |
| 16          | 919314      | 3    | PIN, Cotter, 3/16 x 1-1/4  |
| 17          | 158541      | 2    | SHAFT, Intermediate  |
| 18          | 1602155     | 6    | RING, E  |
| 19          | 158578      | 3    | SPRING   |
| 20          | 827429      | 4    | SCREW, Hex, Tapite, 1/4-20 x 5/8                                       |
| 21          | 917377      | 4    | WASHER, Plain, 1/4   |
| 22          | 8051056     | 2    | WASHER, Special  |
| 23          | 158578      | 1    | SPRING   |
| 24          | 918452      | 2    | PIN, cotter, 1/8 x 1   |
| 25          | 158524      | 1    | GASKET   |
| 26          | 927428      | 10   | SCREW, Hex, Tapite, 1/4-20 x 3/8<br>(Qty. 8 used on 1690124 & 1690128) |
| 27          | 158521      | 1    | GEAR CASE ASSY.  |
| 28          | 158562      | 2    | COLLAR, Thrust   |
| 29          | 158557      | 1    | PINION, Reverse  |
| 30          | 918188      | 2    | PIN, Roll, 1/8 x 3/4   |
| 31          | 158564      | 1    | LINK, Shift, Reverse   |
| 32          | 158534      | 1    | SHAFT, Reverse   |
| 33          | 153124      | 1    | RING, Retaining  |
| 34          | 153079      | 1    | WASHER   |
| 35          | 821450      | 1    | PIN, Roll, 5/32 Dia. x 1   |
| 36          | 158563      | 1    | LINK, Shift, Lo  |
| 37          | 106944      | 1    | GEAR & SHAFT ASSY.   |
| 38          | 158570      | 1    | GEAR & BEARING ASSY.   |
| 39          | 121083      | 4    | SPINDLE, Pinion  |
| 40          | 158579      | 4    | PINION   |
| 41          | 121084      | 4    | SPACER, Pinion   |
| 42          | 158365      | 1    | BUSHING  |
| 43          | 158364      | 1    | PLATE  |
| 44          | 921972      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 2-1/2                                      |
| 45          | 158359      | 1    | AXLE ASSY., R.H., w/Bushing  |
| 46          | 158358      | 1    | CUP, Thrust  |
| 47          | 158356      | 1    | BUSHING  |
| 48          | 158530      | 1    | GEAR, Drive  |
| 49          | 830651      | 4    | LOCKNUT, Hex, 3/8-16   |
| 50          | 118252      | 1    | WASHER   |
| 51          | 158352      | 1    | SHAFT, Axle, L.H.  |
| 52          | 158337      | 2    | BUSHING  |
| 53          | 158357      | 1    | COLLAR, Set  |
| 54          | 928709      | 1    | SETSCREW, 5/16-18 x 3/8  |
| ***55       | 1808938     | 1    | PLATE, Hitch   |
| ***56       | 924856      | 3    | SCREW, Hex, Tapite, 5/16-18 x 1/2                                      |
| ***57       | 925003      | 1    | SCREW, Hex, Washer Hd., 1/4-20 x 1/2                                   |
| ***58       | 901496      | 1    | NIPPLE, Pipe   |
| 59          | 912808      | 3    | FITTING, Grease  |
| 60          | 1611074     | 1    | FRAME ASSY. (Used on 990900)   |
| 61          | 1586740     | 1    | FRAME ASSY. (Used on 991020, 1690124, 1690128)                         |
| *62         | 122218      | 1    | KEY, Switch, Ignition  |
| *63         | 1809279     | 1    | SWITCH   |
| *64         | 176479      | 1    | INTERLOCK, Ignition  |
| *65         | 176481      | 1    | WIRE   |
| *66         | 176480      | 1    | WIRE   |
| *67         | 176675      | 1    | CLIP, Speed, Cable   |
| *68         | 176701      | 1    | CLIP, Speed, Cable   |
| *69         | 176687      | 1    | CLIP, Speed, Cable   |

\*Used on Mfg. No. 990900 &amp; 991020.

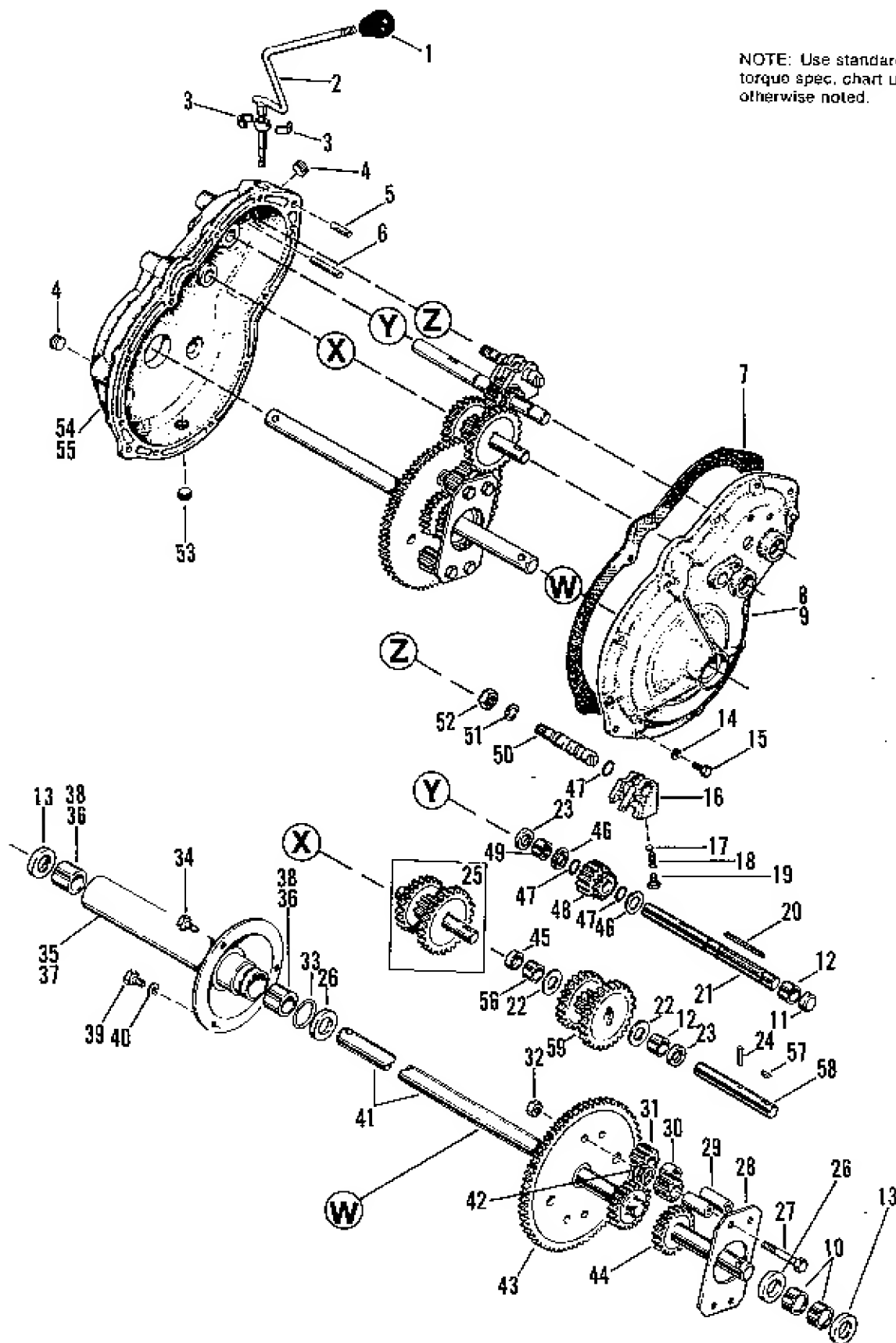
\*\*Used on Mfg. No. 1690124 &amp; 1690128.

\*\*\*Used on Mfg. No. 1690128.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                            |
|-------------|-------------|------|--|
| 1           | 8021050     | 1    | KNOB, Ball                             |
| 2           | 1650323     | 1    | LEVER ASSY., Shift                     |
| 3           | 156031      | 1    | ROD ASSY., Shift                       |
| 4           | 923341      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 3/4        |
| 5           | 923358      | 1    | LOCKNUT, Hex, 1/4-20                   |
| 6           | 101042      | 2    | BUSHING, Half                          |
| 7           | 158308      | 2    | PIN ASSY., Roll                        |
| 8           | 930676      | 2    | PLUG, Pipe                             |
| 9           | 163050      | 2    | PLUG, Expansion                        |
| 10          | 918213      | 3    | NUT, Hex, Full, 7/16-14                |
| 11          | 156084      | 2    | SEAL, Oil                              |
| 12          | 106214      | 1    | PULLEY, Drive                          |
| 13          | 929277      | 1    | SETSCREW, 3/8-16 x 3/8                 |
| 14          | 163012      | 2    | SEAL, Oil                              |
| 15          | 1657807     | 2    | BUSHING                                |
| 16          | 921966      | 3    | CAPSCREW, Hex Hd., 3/8-16 x 7/8        |
| 17          | 916965      | 3    | LOCKWASHER, 3/8                        |
| 18          | 177811      | 1    | HOUSING ASSY., Axle                    |
| 19          | 156099      | 1    | SEAL, Oil                              |
| 20          | 163094      | 1    | CASE ASSY., Gear                       |
| 21          | 901653      | 1    | PLUG, Pipe                             |
| 22          | 175311      | 2    | WASHER                                 |
| 23          | 930651      | 4    | LOCKNUT, Hex, 3/8-16                   |
| 24          | 175328      | 1    | GEAR ASSY., Drive                      |
| 25          | 162085      | 2    | SPRING                                 |
| 26          | 158579      | 4    | PINION, Diff.                          |
| 27          | 121083      | 4    | SPINDLE, Diff.                         |
| 28          | 121084      | 4    | SPACER, Diff.                          |
| 29          | 156002      | 1    | PLATE, Diff.                           |
| 30          | 921972      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 2-1/2      |
| 31          | 175312      | 1    | SHAFT ASSY., Axle, R.H.                |
| 32          | 175314      | 1    | SHAFT ASSY., Axle, L.H.                |
| 33          | 105195      | 2    | BEARING, Roller                        |
| 34          | 158103      | 1    | GASKET                                 |
| 35          | 1650433     | 1    | COVER ASSY., Gear Case                 |
| 36          | 918113      | 2    | PIN, Roll, 3/8 x 1                     |
| 37          | 921977      | 10   | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4     |
| 38          | 917356      | 10   | LOCKWASHER, 5/16                       |
| 39          | 165067      | 1    | DRUM, Brake                            |
| 40          | 930554      | 1    | SETSCREW, 5/16-18 x 5/16               |
| 41          | 163022      | 6    | BUSHING                                |
| 42          | 156089      | 2    | WASHER                                 |
| 43          | 165010      | 1    | SHAFT, Brake                           |
| 44          | 156292      | 1    | PIN, Dowel                             |
| 45          | 165011      | 1    | CLUSTER ASSY., Gear                    |
| 46          | 165009      | 1    | SHAFT & GEAR ASSY.                     |
| 47          | 163050      | 1    | PLUG, Expansion                        |
| 48          | 156085      | 4    | WASHER                                 |
| 49          | 8061048     | 5    | RING, Retaining                        |
| 50          | 930669      | 1    | KEY, 5/32 x 5/8 Dia.                   |
| 51          | 165013      | 1    | GEAR & SHAFT ASSY.                     |
| 52          | 163074      | 1    | PLUG, Expansion                        |
| 53          | 170453      | 1    | KEY                                    |
| 54          | 905123      | 1    | KEY, 3/16 x 3/4                        |
| 55          | 1650233     | 1    | SHAFT, Pulley                          |
| 56          | 156087      | 1    | PINION ASSY., Hi-Lo                    |
| 57          | 165008      | 1    | RING, O                                |
| 58          | 156082      | 1    | BEARING, Roller                        |
| 59          | 165005      | 1    | SHAFT, Reverse, Pinion                 |
| 60          | 1650825     | 1    | PINION, Reverse                        |
| 61          | 1657656     | 2    | SPRING                                 |
| 62          | 930614      | 2    | SCREW, Hex, Washer Hd., 5/16-18 x 5/16 |
| 63          | 171364      | 1    | FORK, Shift, I & II                    |
| 64          | 171456      | 2    | SPRING                                 |
| 65          | 154262      | 2    | BALL                                   |
| 66          | 171372      | 1    | SHAFT, Shift, Hi-Lo                    |
| 67          | 171365      | 1    | SHAFT, Shift, Reverse-Lo               |
| 68          | 171363      | 1    | FORK, Shift, Reverse                   |



## Transmission Group

**Simplicity**

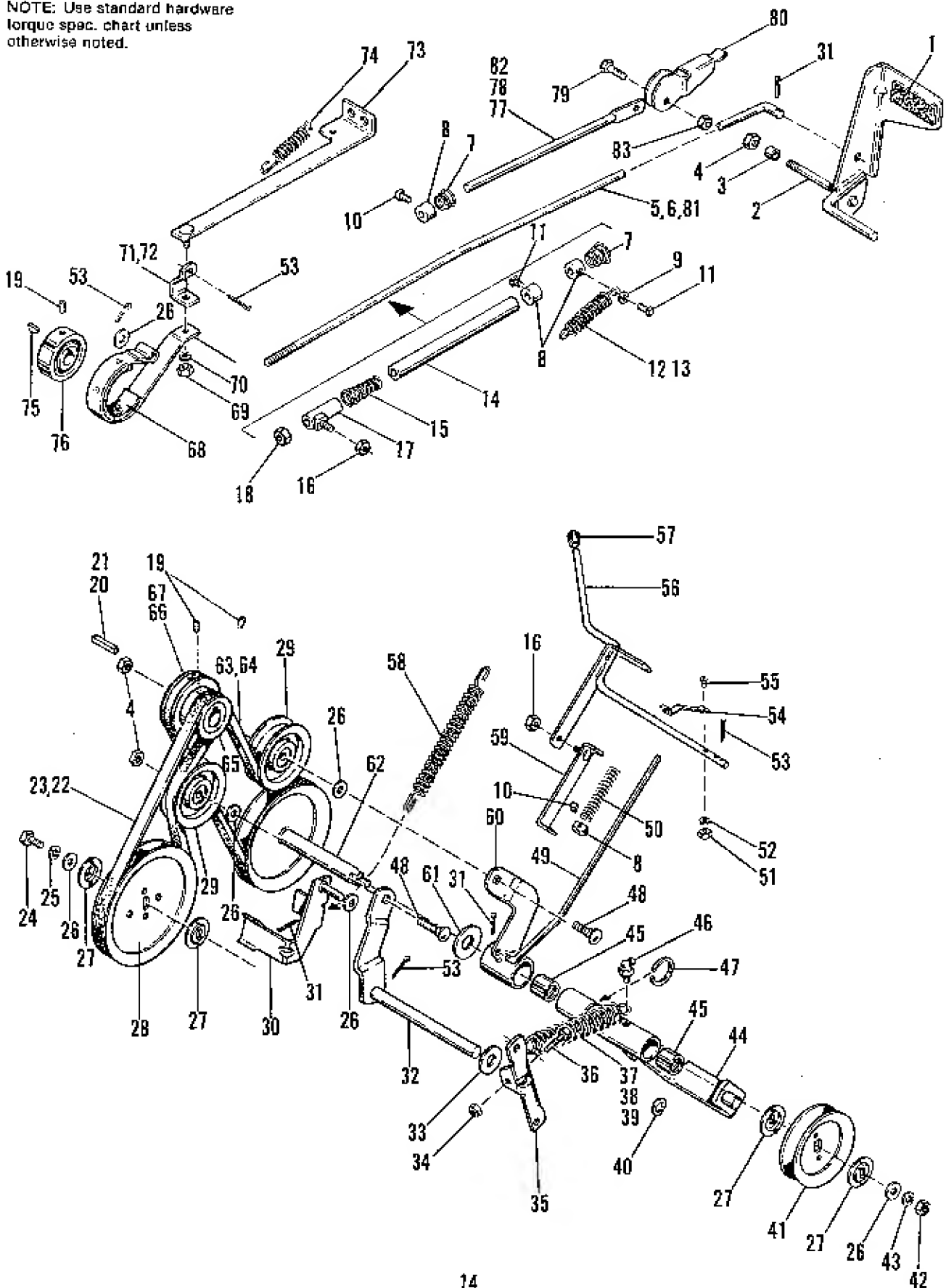
2/80

| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 172038      | 1    | KNOB                               |
| 2           | 176819      | 1    | ROD ASSY., Shift                   |
| 3           | 101042      | 2    | BUSHING, Ball, Half                |
| 4           | 930676      | 2    | PLUG, Pipe                         |
| 5           | 918113      | 2    | PIN, Roll, 3/8 Dia. x 1            |
| 6           | 917904      | 1    | PIN, Roll, 5/16 Dia. x 3           |
| 7           | 156103      | 1    | GASKET                             |
| 8           | 1652526     | 1    | COVER ASSY., Gear Case             |
| 9           | 1650306     | 1    | COVER, Gear Case                   |
| 10          | 1657807     | 2    | BUSHING                            |
| 11          | 163074      | 1    | PLUG, Expansion                    |
| 12          | 163022      | 2    | BUSHING                            |
| 13          | 163012      | 2    | SEAL, Oil                          |
| 14          | 917356      | 10   | LOCKWASHER, 5/16                   |
| 15          | 921977      | 10   | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4 |
| 16          | 171364      | 1    | FORK, Shift, Hi-Lo                 |
| 17          | 905359      | 1    | BALL                               |
| 18          | 171456      | 1    | SPRING                             |
| 19          | 930614      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 5/16  |
| 20          | 170453      | 1    | KEY                                |
| 21          | 175270      | 1    | SHAFT, Pulley                      |
| 22          | 156089      | 2    | WASHER                             |
| 23          | 156084      | 2    | SEAL, Oil                          |
| 24          | 156292      | 1    | PIN, Dowel                         |
| 25          | 165009      | 1    | SHAFT & GEAR ASSY.                 |
| 26          | 175311      | 2    | WASHER                             |
| 27          | 921972      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 2-1/2  |
| 28          | 156002      | 1    | PLATE, Diff.                       |
| 29          | 121083      | 4    | SPINDLE                            |
| 30          | 121084      | 4    | SPACER                             |
| 31          | 158579      | 4    | PINION                             |
| 32          | 930651      | 4    | LOCKNUT, Hex, 3/8-16               |
| 33          | 156099      | 1    | SEAL, Oil                          |
| 34          | 161130      | 1    | CAPSCREW, Special                  |
| *35         | 175305      | 1    | HOUSING ASSY., Axle                |
| 36          | 1657807     | 2    | BUSHING                            |
| **37        | 177811      | 1    | HOUSING ASSY., Axle                |
| 38          | 1657807     | 2    | BUSHING                            |
| 39          | 919357      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 7/8    |
| 40          | 916965      | 2    | LOCKWASHER, 3/8                    |
| 41          | 175314      | 1    | AXLE ASSY., L.H.                   |
| 42          | 162085      | 2    | SPRING                             |
| 43          | 175328      | 1    | GEAR ASSY., Drive                  |
| 44          | 175312      | 1    | AXLE ASSY., R.H.                   |
| 45          | 163050      | 1    | PLUG, Expansion                    |
| 46          | 156085      | 2    | WASHER                             |
| 47          | 8061048     | 3    | RING, Retaining                    |
| 48          | 156087      | 1    | PINION ASSY., Hi-Lo                |
| 49          | 156072      | 1    | BEARING                            |
| 50          | 165004      | 1    | SHAFT, Shift, Reverse, Lo          |
| 51          | 918199      | 1    | LOCKWASHER, 7/16                   |
| 52          | 918213      | 1    | NUT, Hex, Full, 7/16-14            |
| 53          | 901653      | 1    | PLUG, Pipe                         |
| 54          | 175329      | 1    | GEAR CASE ASSY.                    |
| 55          | 175330      | 1    | CASE, Gear                         |
| 56          | 163022      | 1    | BUSHING                            |
| 57          | 910224      | 1    | KEY, Woodruff, 5/32 x 5/8          |
| 58          | 165010      | 1    | SHAFT, Brake                       |
| 59          | 165011      | 1    | CLUSTER ASSY., Gear                |

\*Used on Mfg. No. 990963.

\*\*Used on Mfg. No. 990998 &amp; 991000.

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.





| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 162098      | 1    | PAD, Pedal                         |
| 2           | 158604      | 1    | PEDAL ASSY., Foot                  |
| 3           | 1608657     | 1    | SPACER                             |
| 4           | 930651      | 3    | LOCKNUT, Hex, 3/8-16               |
| **5         | 158675      | 1    | ROD, Clutch                        |
| ***6        | 1608951     | 1    | ROD, Clutch                        |
| 7           | 153010      | 2    | SPRING                             |
| 8           | 8191022     | 4    | COLLAR, Sel                        |
| 9           | 916955      | 1    | WASHER, Plain, 3/16                |
| 10          | 928804      | 2    | SETSCREW, 1/4-20 x 3/8             |
| 11          | 930539      | 2    | SETSCREW, 1/4-20 x 5/8             |
| *12         | 159159      | 1    | SPRING                             |
| ****13      | 118495      | 1    | SPRING                             |
| 14          | 172179      | 1    | SPACER                             |
| 15          | 157041      | 1    | SPRING                             |
| 16          | 923362      | 2    | LOCKNUT, Hex, 5/16-18              |
| 17          | 156303      | 1    | GUIDE ASSY., Rod                   |
| 18          | 924433      | 1    | LOCKNUT, Elastic, 5/16-18          |
| 19          | 922691      | 3    | SETSCREW, 5/16-18 x 5/16           |
| 20          | 8221042     | 1    | KEY                                |
| 21          | 172668      | 1    | KEY (Used on 1690128)              |
| *22         | 158573      | 1    | BELT, V                            |
| ***23       | 1608954     | 1    | BELT, V                            |
| 24          | 923325      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 7/8   |
| 25          | 917356      | 1    | LOCKWASHER, 5/16                   |
| 26          | 917642      | 6    | WASHER, Plain, 5/16                |
| 27          | 158378      | 4    | WASHER, Special                    |
| 28          | 158377      | 1    | PULLEY                             |
| 29          | 154534      | 2    | PULLEY, Idler                      |
| 30          | 176587      | 1    | BRAKE ASSY., P.T.O.                |
| 31          | 918448      | 3    | PIN, Cotter, 3/32 x 1              |
| 32          | 158537      | 1    | ARM ASSY., Idler                   |
| 33          | 918430      | 1    | WASHER, Plain, 7/16                |
| 34          | 923358      | 1    | LOCKNUT, Hex, 1/4-20               |
| 35          | 158536      | 1    | LEVER, Brake & Clutch              |
| 36          | 921960      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 1      |
| *37         | 1608395     | 1    | SPRING                             |
| 38          | 154369      | 1    | SPRING (Used on 1690124 & 1690240) |
| 39          | 16909257    | 1    | SPRING (Used on 1690128 & 1690242) |
| 40          | 158399      | 1    | RING, Retaining                    |
| 41          | 1609004     | 1    | PULLEY                             |
| 42          | 916950      | 1    | NUT, Hex, Full, 3/8-16             |

\*Used on Mfg. No. 990900, 991020, 1690124, 1690240.

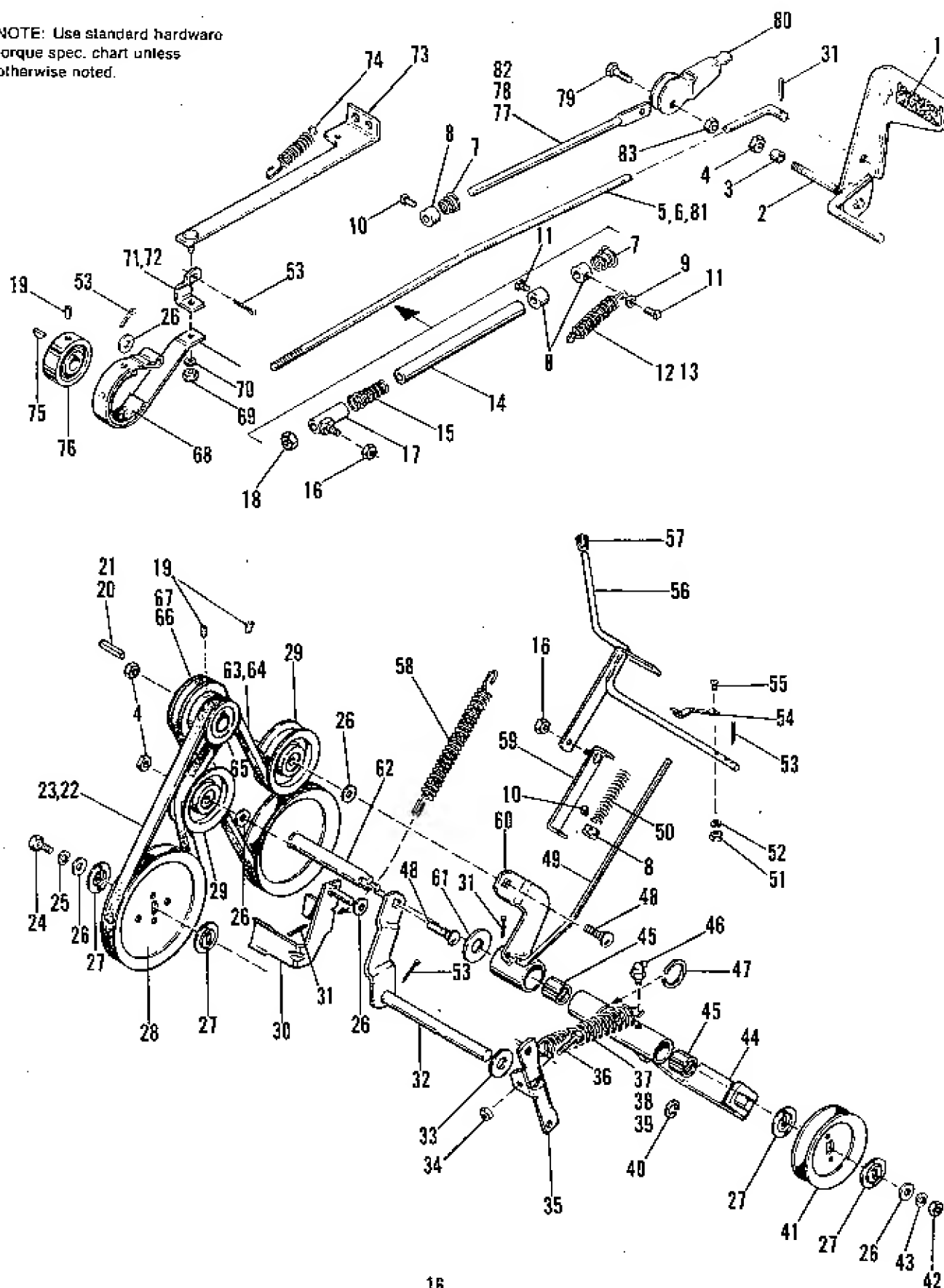
\*\*Used on Mfg. No. 990900 &amp; 1690124.

\*\*\*Used on Mfg. No. 991020, 1690128 &amp; 1690242.

\*\*\*\*Used on Mfg. No. 1690124, 1690128, 1690240 &amp; 1690242.

NOTE: Parts Ref. No. 43-83 are continued on the following page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                                   |
|-------------|-------------|------|---|
| 43          | 916965      | 1    | LOCKWASHER, 3/8                               |
| 44          | 1611127     | 1    | HOUSING ASSY.                                 |
| 45          | 108054      | 2    | BEARING, Needle                               |
| 46          | 915019      | 1    | FITTING, Grease                               |
| 47          | 158396      | 1    | RING, Retaining                               |
| 48          | 922249      | 2    | BOLT, Carriage, 3/8-16 x 1                    |
| 49          | 158609      | 1    | ROD, Clutch                                   |
| 50          | 163103      | 1    | SPRING  |
| *51         | 917415      | 1    | NUT, Hex, Mach. #10-32                        |
| *52         | 909055      | 1    | LOCKWASHER, #10                               |
| 53          | 918452      | 4    | PIN, Cotter, 1/8 x 1 (Qty. 3 used on 1690128) |
| *54         | 176414      | 1    | SPRING, Clip                                  |
| *55         | 930494      | 1    | SCREW, Mach., #10-32 x 3/4                    |
| 56          | 176427      | 1    | HANDLE ASSY., Control                         |
| 57          | 158437      | 1    | KNOB  |
| 58          | 175290      | 1    | SPRING  |
| 59          | 158406      | 1    | GUIDE ASSY., Rod                              |
| 60          | 158461      | 1    | LEVER ASSY., Idler                            |
| 61          | 119018      | 1    | WASHER  |
| 62          | 158630      | 1    | SHAFT ASSY., Pulley                           |
| **63        | 121398      | 1    | BELT, V                                       |
| ***64       | 1608960     | 1    | BELT, V                                       |
| **65        | 158498      | 1    | PULLEY, Transmission Drive                    |
| **66        | 176584      | 1    | PULLEY, Engine                                |
| ***67       | 1609451     | 1    | PULLEY, Engine                                |
| 68          | 158552      | 1    | BAND ASSY., Brake                             |
| 69          | 916622      | 1    | NUT, Hex, Full, 1/4-20                        |
| 70          | 916964      | 1    | LOCKWASHER, 1/4                               |
| *71         | 158555      | 1    | LEVER, Brake                                  |
| ****72      | 1609261     | 1    | LEVER, Brake                                  |
| 73          | 176429      | 1    | GUIDE ASSY., Brake                            |
| 74          | 153121      | 1    | SPRING  |
| 75          | 930669      | 1    | KEY, 5/32 x 5/8                               |
| 76          | 165067      | 1    | DRUM, Brake                                   |
| 77          | 176431      | 1    | ROD, Brake                                    |
| 78          | 1609442     | 1    | ROD, Brake (Used on 1690128)                  |
| 79          | 921959      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 5/8               |
| 80          | 176425      | 1    | LEVER   |
| 81          | 1608951     | 1    | ROD, Clutch (Used on 1690242)                 |
| 82          | 1609442     | 1    | ROD, Brake (Used on 1690242)                  |
| 83          | 923358      | 1    | LOCKNUT, Hex, 1/4-20                          |

\*Used on Mfg. No. 990900 &amp; 991020.

\*\*Used on Mfg. No. 990900, 1690124 &amp; 1690240.

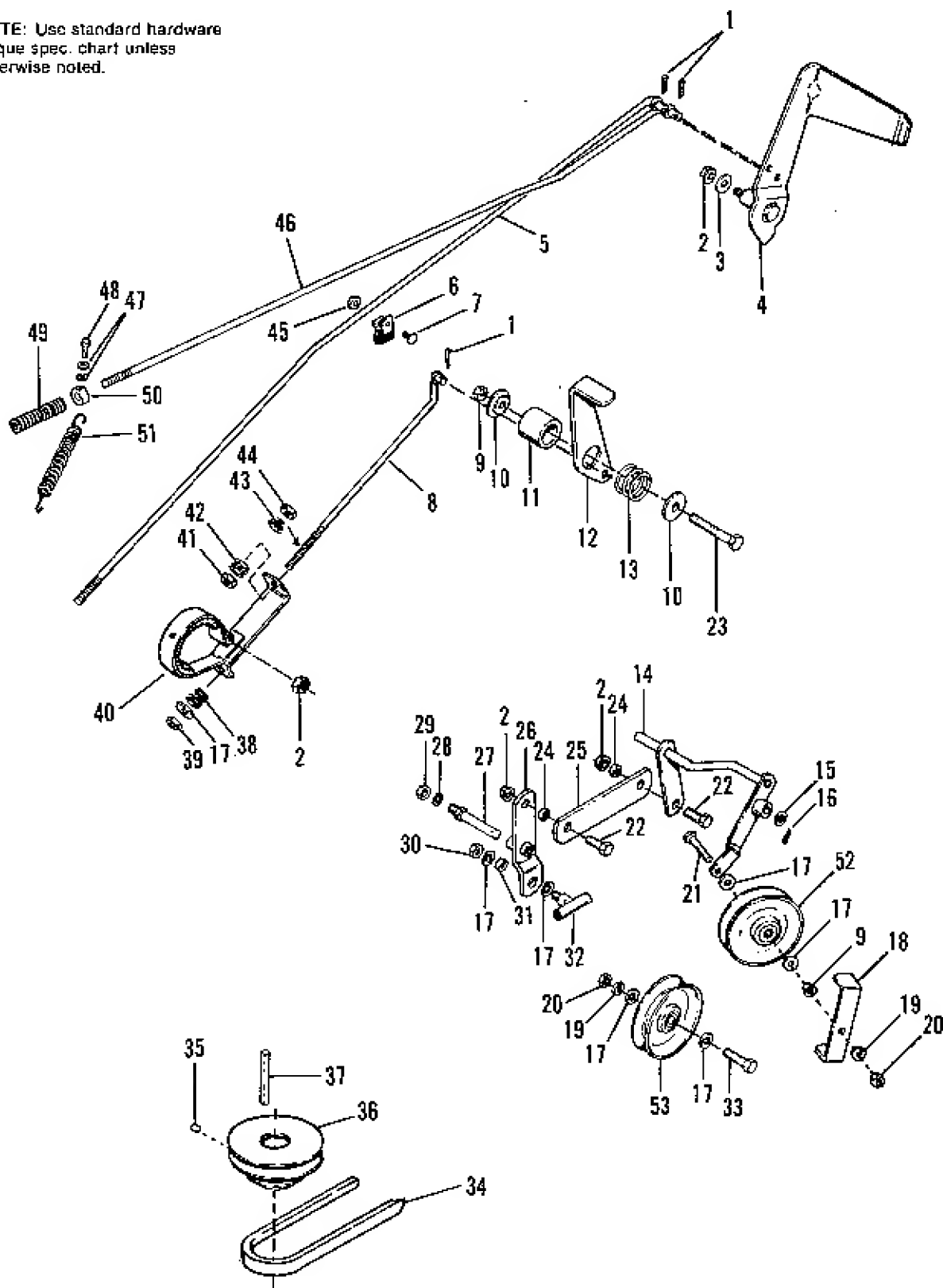
\*\*\*Used on Mfg. No. 991020, 1690128 &amp; 1690242.

\*\*\*\*Used on Mfg. No. 1690124, 1690128, 1690240 &amp; 1690242.

See Engine Group for pulleys used with 1690240 &amp; 1690242.

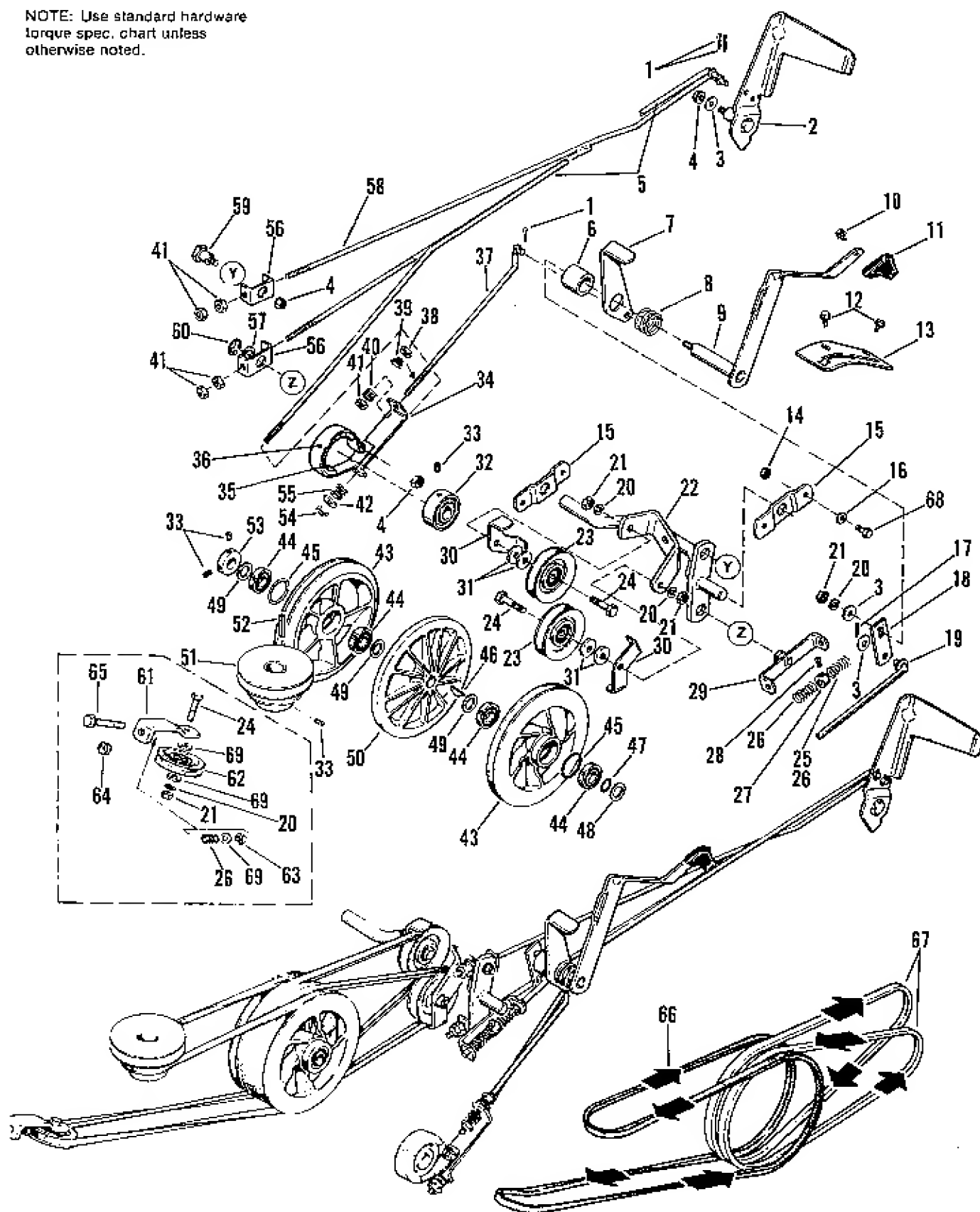
NOTE: Parts Ref. No. 1-42 are found on preceding page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



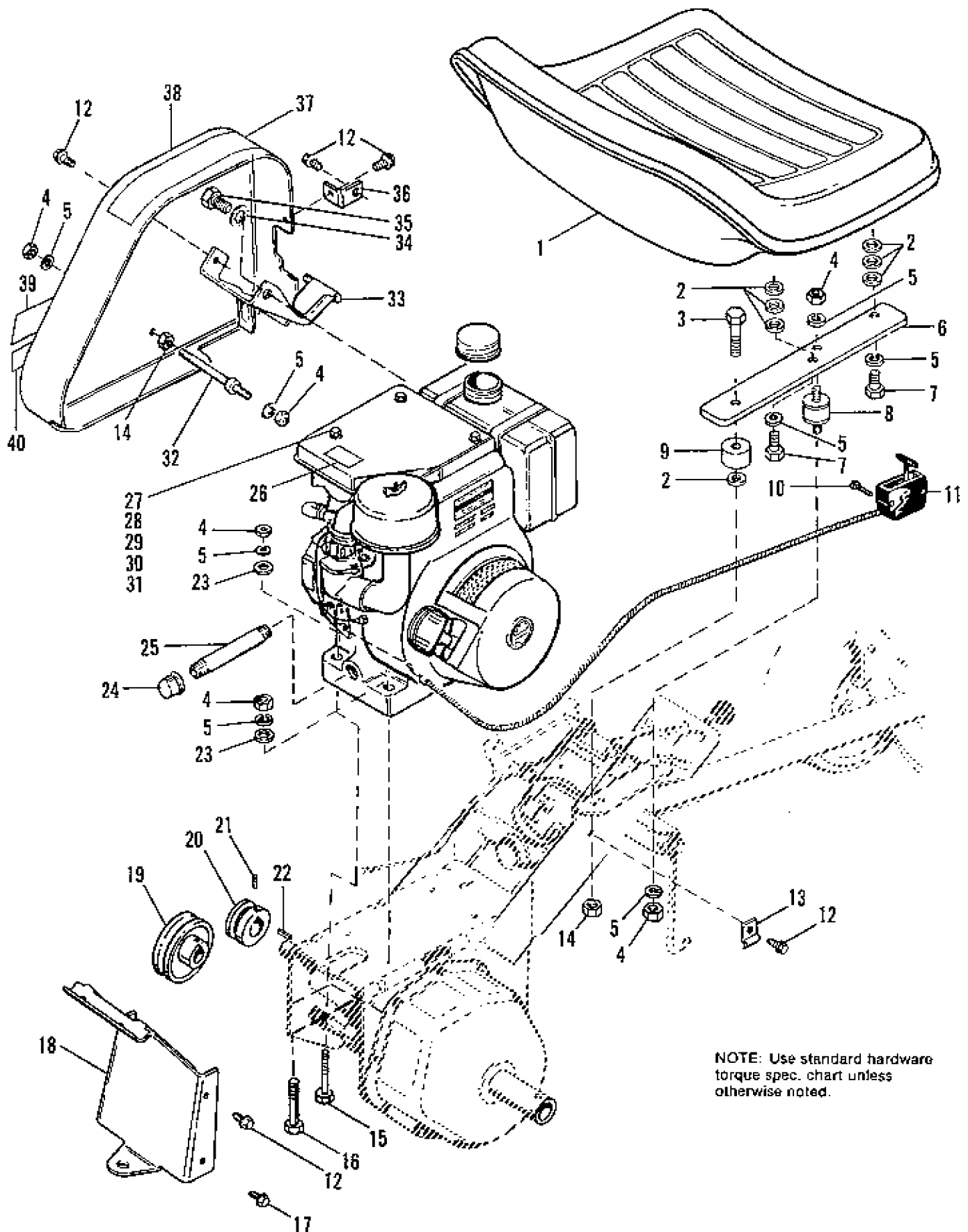
| Ref.<br>No. | Part<br>No. | Qty. | Description                       |
|-------------|-------------|------|-----------------------------------|
| 1           | 918447      | 3    | PIN, Cotter, 3/32 x 3/4           |
| 2           | 930645      | 4    | LOCKNUT, Flange, 3/8-16           |
| 3           | 917378      | 1    | WASHER, Plain, 3/8                |
| 4           | 1651126     | 1    | PEDAL ASSY., Foot                 |
| 5           | 176669      | 1    | ROD, Brake                        |
| 6           | 122186      | 1    | CLAMP                             |
| 7           | 923700      | 1    | BOLT, Rd. Hd., 5/16-18 x 1/2      |
| 8           | 176864      | 1    | ROD, Parking Brake                |
| 9           | 930651      | 2    | LOCKNUT, Hex, 3/8-16              |
| 10          | 1650434     | 2    | WASHER, Special                   |
| 11          | 176865      | 1    | HUB                               |
| 12          | 176866      | 1    | LEVER                             |
| 13          | 153093      | 1    | SPRING                            |
| 14          | 1650319     | 1    | ARM ASSY., Idler                  |
| 15          | 153072      | 1    | WASHER                            |
| 16          | 918452      | 1    | PIN, Cotter, 1/8 x 1              |
| 17          | 917642      | 7    | WASHER, Plain, 5/16               |
| 18          | 1651545     | 1    | GUIDE, Belt                       |
| 19          | 916965      | 2    | LOCKWASHER, 3/8                   |
| 20          | 916950      | 2    | NUT, Hex, Full, 3/8-16            |
| 21          | 1651074     | 1    | CAPSCREW, Hex                     |
| 22          | 921966      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 7/8   |
| 23          | 921973      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 2-3/4 |
| 24          | 153081      | 2    | SPACER                            |
| 25          | 1650559     | 1    | ARM, Pivot                        |
| 26          | 1650561     | 1    | PIVOT ASSY., Arm                  |
| 27          | 1657368     | 1    | STUD                              |
| 28          | 918199      | 1    | LOCKWASHER, 7/16                  |
| 29          | 918213      | 1    | NUT, Hex, Full, 7/16-14           |
| 30          | 928698      | 1    | LOCKNUT, Jam, 5/16-18             |
| 31          | 156150      | 1    | SPACER                            |
| 32          | 164094      | 1    | GUIDE ASSY., Rod                  |
| 33          | 920415      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 34          | 1651201     | 1    | BELT, V                           |
| 35          | 928691      | 1    | SETSCREW, 5/16-18 x 5/16          |
| 36          | 1650229     | 1    | PULLEY, Engine                    |
| 37          | 159129      | 1    | KEY                               |
| 38          | 162085      | 1    | SPRING                            |
| 39          | 923362      | 1    | LOCKNUT, Hex, 5/16-18             |
| 40          | 176638      | 1    | BAND ASSY., Brake                 |
| 41          | 917372      | 1    | NUT, Hex, Full, 5/16-18           |
| 42          | 8191047     | 1    | SPRING                            |
| 43          | 153010      | 1    | SPRING                            |
| 44          | 924433      | 1    | LOCKNUT, Elastic, 5/16-18         |
| 45          | 929001      | 1    | LOCKNUT, Flange, 5/16-18          |
| 46          | 176667      | 1    | ROD, Clutch                       |
| 47          | 917377      | 2    | WASHER, Flat, 1/4                 |
| 48          | 930542      | 1    | SETSCREW, 1/4-20 x 3/4            |
| 49          | 157041      | 1    | SPRING                            |
| 50          | 8191022     | 1    | COLLAR, Set                       |
| 51          | 156302      | 1    | SPRING                            |
| 52          | 101096      | 1    | PULLEY, Idler                     |
| 53          | 171247      | 1    | PULLEY, Idler                     |

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                       |
|-------------|-------------|------|-----------------------------------|
| 1           | 818447      | 3    | PIN, Cotter, 3/32 x 3/4           |
| 2           | 176663      | 1    | PEDAL ASSY., Foot                 |
| 3           | 917378      | 3    | WASHER, Plain, 3/8                |
| 4           | 930645      | 3    | LOCKNUT, Flange, 3/8-18           |
| 5           | 176669      | 1    | ROD, Brake                        |
| 6           | 176865      | 1    | HUB                               |
| 7           | 178866      | 1    | LEVER                             |
| 8           | 153093      | 1    | SPRING                            |
| 9           | 175945      | 1    | LEVER ASSY., Control              |
| 10          | 922125      | 1    | SCREW, Thd. Forming, 1/4-20 x 7/8 |
| 11          | 171185      | 1    | KNOB                              |
| 12          | 924856      | 2    | SCREW, Swage Form, 5/16-18 x 1/2  |
| 13          | 176014      | 1    | QUADRANT                          |
| 14          | 930642      | 4    | NUT, Flange, 1/4-20               |
| 15          | 176551      | 2    | SUPPORT, Pivot                    |
| 16          | 917377      | 4    | WASHER, Plain, 1/4                |
| 17          | 818452      | 1    | PIN, Cotter, 1/8 x 1              |
| 18          | 176899      | 1    | LINK                              |
| 19          | 175947      | 1    | ROD, Clutch                       |
| 20          | 818985      | 4    | LOCKWASHER, 3/8                   |
| 21          | 916950      | 4    | NUT, Hex, Full, 3/8-16            |
| 22          | 175950      | 1    | BRACKET, Pivot                    |
| 23          | 174561      | 2    | PULLEY, Idler                     |
| 24          | 921969      | 3    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2 |
| 25          | 176903      | 1    | SPRING                            |
| 26          | 177385      | 3    | SPRING (Qty. 2 used on 990983)    |
| 27          | 105201      | 1    | COLLAR, Set                       |
| 28          | 928804      | 1    | SETSCREW, 1/4-20 x 3/8            |
| 29          | 178786      | 1    | GUIDE ASSY., Rod                  |
| 30          | 174402      | 2    | GUIDE, Belt                       |
| 31          | 157424      | 4    | WASHER, Special                   |
| 32          | 165067      | 1    | DRUM, Brake                       |
| 33          | 928691      | 5    | SETSCREW, 5/16-18 x 5/16          |
| 34          | 176638      | 1    | BAND ASSY., Brake                 |
| 35          | 156136      | 1    | LINING, Brake                     |
| 36          | 928021      | 3    | RIVET, #7 x 1/4                   |
| 37          | 176884      | 1    | ROD, Parking Brake                |
| 38          | 924433      | 1    | LOCKNUT, Elastic, 5/16-18         |
| 39          | 153010      | 1    | SPRING                            |
| 40          | 8191047     | 1    | SPRING                            |
| 41          | 917372      | 5    | NUT, Hex, Full, 5/16-18           |
| 42          | 917642      | 4    | WASHER, Plain                     |
| 43          | 176502      | 2    | PULLEY ASSY., Outer               |
| 44          | 175734      | 4    | BEARING                           |
| 45          | 108051      | 2    | RING, Retaining                   |
| 46          | 157332      | 1    | KEY                               |
| 47          | 8061048     | 1    | RING, Retaining                   |
| 48          | 175271      | 1    | WASHER                            |
| 49          | 121210      | 3    | WASHER                            |
| 50          | 175739      | 1    | CLUTCH, Center Disc               |
| 51          | 175365      | 1    | PULLEY, Engine                    |
| 52          | 159159      | 1    | KEY                               |
| 53          | 108289      | 1    | COLLAR, Set                       |
| 54          | 923362      | 1    | LOCKNUT, Hex, 5/16-18             |
| 55          | 162085      | 1    | SPRING                            |
| 56          | 178797      | 2    | GUIDE, Rod                        |
| 57          | 101025      | 1    | WASHER                            |
| 58          | 178730      | 1    | ROD ASSY., Clutch                 |
| 59          | 161166      | 1    | BOLT, Shoulder                    |
| 60          | 1602155     | 1    | RING, Retaining                   |
| 61          | 178483      | 1    | BRACKET, Idler                    |
| 62          | 176640      | 1    | PULLEY, Idler                     |
| 63          | 918439      | 1    | LOCKNUT, Elastic, 3/8-16          |
| 64          | 930651      | 1    | LOCKNUT, Hex, 3/8-16              |
| 65          | 930622      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 4     |
| 66          | 177452      | 1    | BELT, V                           |
| 67          | 175361      | 1    | BELTS, Matched                    |
| 68          | 927340      | 4    | CAPSCREW, Hex Hd., 1/4-20 x 3/4   |
| 69          | 917642      | 3    | WASHER, Plain, 5/16               |

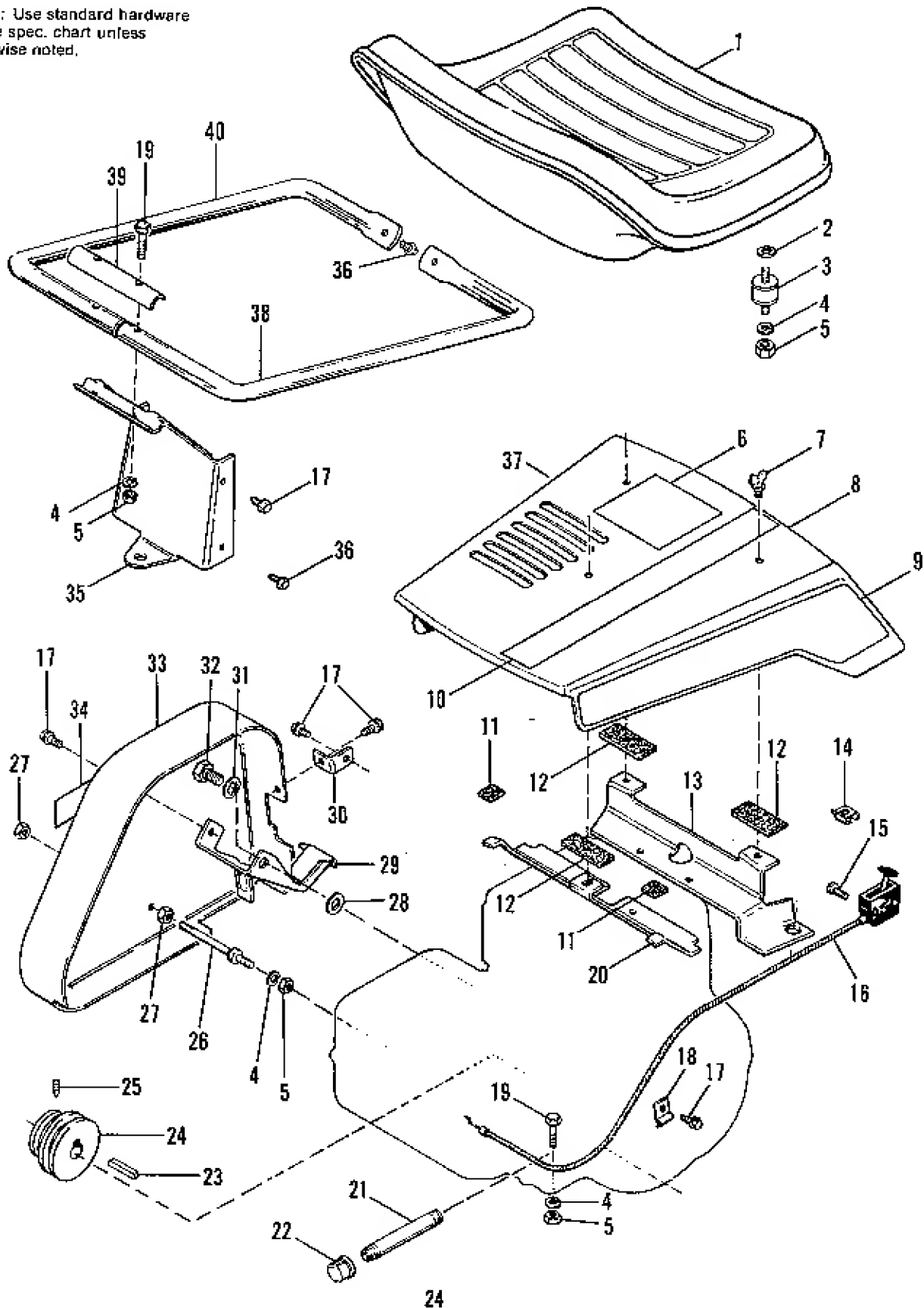
\*Used On Mfg. No. 990963.



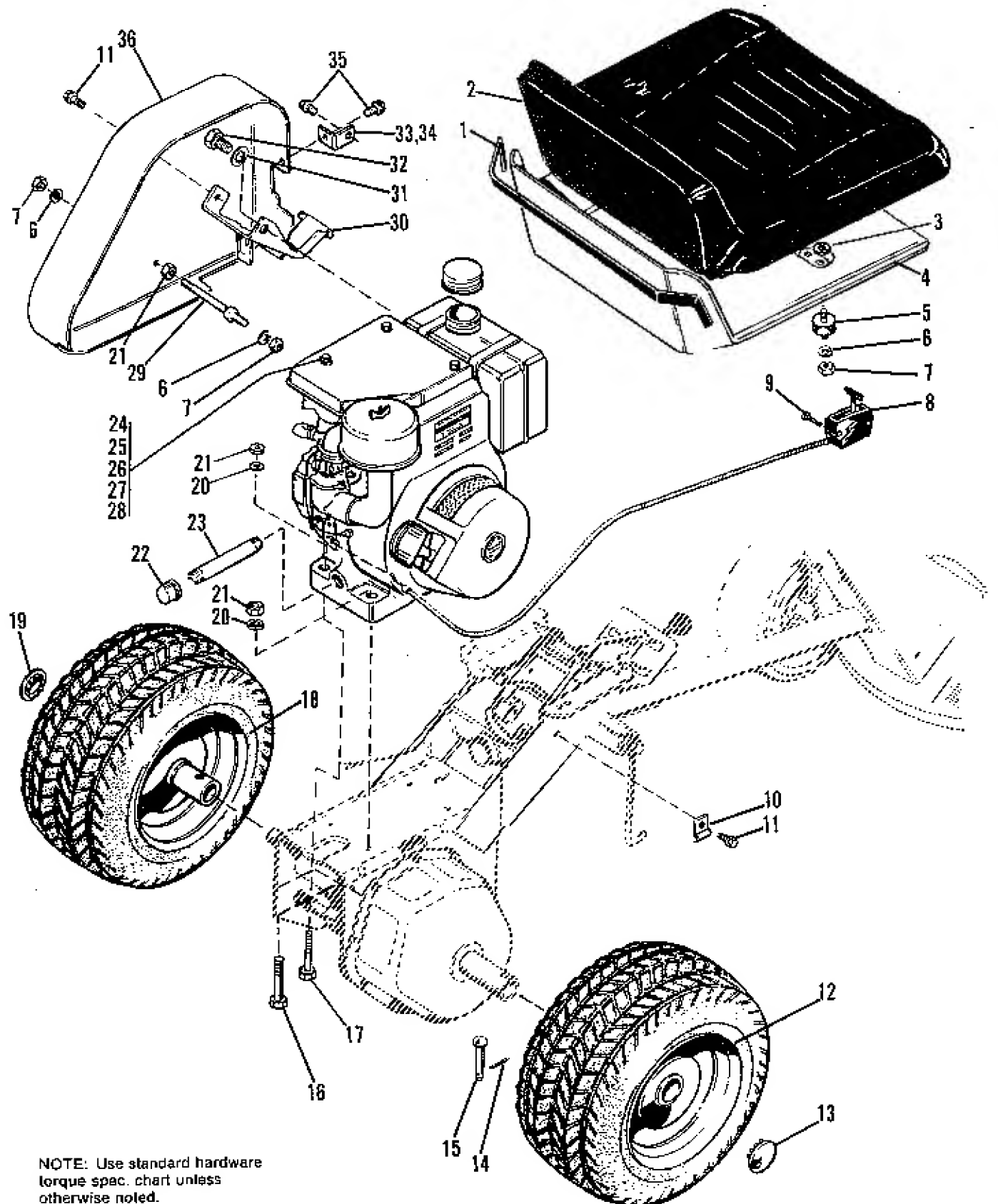


| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 1651879     | 1    | SEAT ASSY.                         |
| 2           | 919381      | 14   | WASHER, Plain, 5/16                |
| 3           | 921221      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2 |
| 4           | 917372      | 10   | NUT, Hex, Full, 5/16-18            |
| 5           | 917356      | 14   | LOCKWASHER, 5/16                   |
| 6           | 1656499     | 2    | SUPPORT, Seat                      |
| 7           | 921333      | 4    | CAPSCREW, Hex Hd., 5/16-18 x 1     |
| 8           | 157094      | 2    | CONNECTOR, Cushion                 |
| 9           | 1608535     | 2    | MOUNT, Rubber                      |
| 10          | 928732      | 2    | SCREW, Hex, Washer Hd., #10-24 x 1 |
| 11          | 1608962     | 1    | THROTTLE & CHOKE ASSY.             |
| 12          | 924856      | 7    | SCREW, Tapping, 5/16-18 x 1/2      |
| 13          | 926271      | 1    | CLIP                               |
| 14          | 923362      | 4    | LOCKNUT, Hex, 5/16-18              |
| 15          | 156151      | 1    | SCREW, Hex, Special                |
| 16          | 922127      | 3    | CAPSCREW, Hex Hd., 5/16-18 x 1-3/4 |
| 17          | 925003      | 2    | SCREW, Tapping, 1/4-20 x 1/2       |
| 18          | 1608938     | 1    | PLATE, Hitch, Rear                 |
| 19          | 1609451     | 1    | PULLEY, Drive, Transmission        |
| 20          | 1609449     | 1    | PULLEY, Engine                     |
| 21          | 928691      | 1    | SETSCREW, 5/16-18 x 5/16           |
| 22          | 905100      | 1    | KEY, 1/4 x 1/4 x 2-1/4             |
| 23          | 917642      | 4    | WASHER, Plain, 5/16                |
| 24          | 901752      | 1    | CAP, Pipe, 3/8                     |
| 25          | 901496      | 1    | NIPPLE, Pipe                       |
| 26          | 1609140     | 1    | DECAL, Caution                     |
| 27          | 919316      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 1-3/4  |
| 28          | 929000      | 2    | SCREW, Tapite, Hex, 1/4-20 x 3/8   |
| 29          | 1608963     | 1    | SHIELD, Heat                       |
| 30          | 1608980     | 1    | SUPPORT, Heat Shield               |
| 31          | 1608994     | 1    | SPACER                             |
| 32          | 158418      | 1    | STUD                               |
| 33          | 1609443     | 1    | STOP, Belt                         |
| 34          | 909589      | 1    | LOCKWASHER, Int., 1/2              |
| 35          | 921370      | 1    | CAPSCREW, Hex Hd., 1/2-20 x 1      |
| 36          | 1609444     | 1    | BRACKET, Pulley Guard              |
| 37          | 1609232     | 1    | DECAL, Safety                      |
| 38          | 1609445     | 1    | GUARD, Pulley                      |
| 39          | 1657107     | 1    | DECAL, Cover                       |
| 40          | 1657109     | 1    | DECAL, 3008                        |

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 1651789     | 1    | SEAT ASSY.                         |
| 2           | 919381      | 4    | WASHER, Plain, 5/16                |
| 3           | 157094      | 4    | CONNECTOR, Cushion                 |
| 4           | 917356      | 12   | LOCKWASHER, 5/16                   |
| 5           | 917372      | 12   | NUT, Hex, Full, 5/16-18            |
| 6           | 1657293     | 1    | DECAL, Safety                      |
| 7           | 928693      | 3    | SCREW, Wing, 5/16-18 x 3/4         |
| 8           | 158515      | 1    | HOOD ASSY.                         |
| 9           | 1657105     | 1    | DECAL, Hood, L.H.                  |
| 10          | 1651769     | 1    | DECAL, Stripe                      |
| 11          | 157582      | 2    | BUTTON, Bumper                     |
| 12          | 121399      | 3    | GASKET, Felt                       |
| 13          | 174746      | 1    | SUPPORT, Front Hood                |
| 14          | 928701      | 3    | NUT, Retainer, 5/16-18             |
| 15          | 928732      | 2    | SCREW, Hex, Washer Hd., #10-24 x 1 |
| 16          | 1608962     | 1    | THROTTLE & CHOKE ASSY.             |
| 17          | 924856      | 1    | SCREW, Taptite, Hex, 5/16-18 x 1/2 |
| 18          | 926271      | 1    | CLIP                               |
| 19          | 921221      | 6    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2 |
| 20          | 158449      | 1    | SUPPORT, Rear Hood                 |
| 21          | 158610      | 1    | NIPPLE, Pipe                       |
| 22          | 901751      | 1    | CAP, Pipe                          |
| 23          | 8221042     | 1    | KEY                                |
| 24          | 176584      | 1    | PULLEY                             |
| 25          | 928691      | 1    | SETSCREW, 5/16-18 x 5/16           |
| 26          | 158418      | 1    | STUD                               |
| 27          | 923362      | 2    | LOCKNUT, Hex, 5/16-18              |
| 28          | 918431      | 1    | WASHER, Plain, 1/2                 |
| 29          | 158527      | 1    | STOP, Belt                         |
| 30          | 1609444     | 1    | BRACKET, Pulley Guard              |
| 31          | 909589      | 1    | LOCKWASHER, Int., 1/2              |
| 32          | 921370      | 1    | CAPSCREW, Hex Hd., 1/2-20 x 1      |
| 33          | 1609445     | 1    | GUARD, Pulley                      |
| 34          | 1657108     | 2    | DECAL, 3005                        |
| 35          | 1608938     | 1    | PLATE, Hitch, Rear                 |
| 36          | 925003      | 3    | SCREW, Tapping, 1/4-20 x 1/2       |
| 37          | 1657104     | 1    | DECAL, Hood, R.H.                  |
| 38          | 174829      | 1    | HANDLE, Rear, R.H.                 |
| 39          | 158584      | 1    | BRACKET, Support Handle            |
| 40          | 158583      | 1    | HANDLE, Rear, L.H.                 |

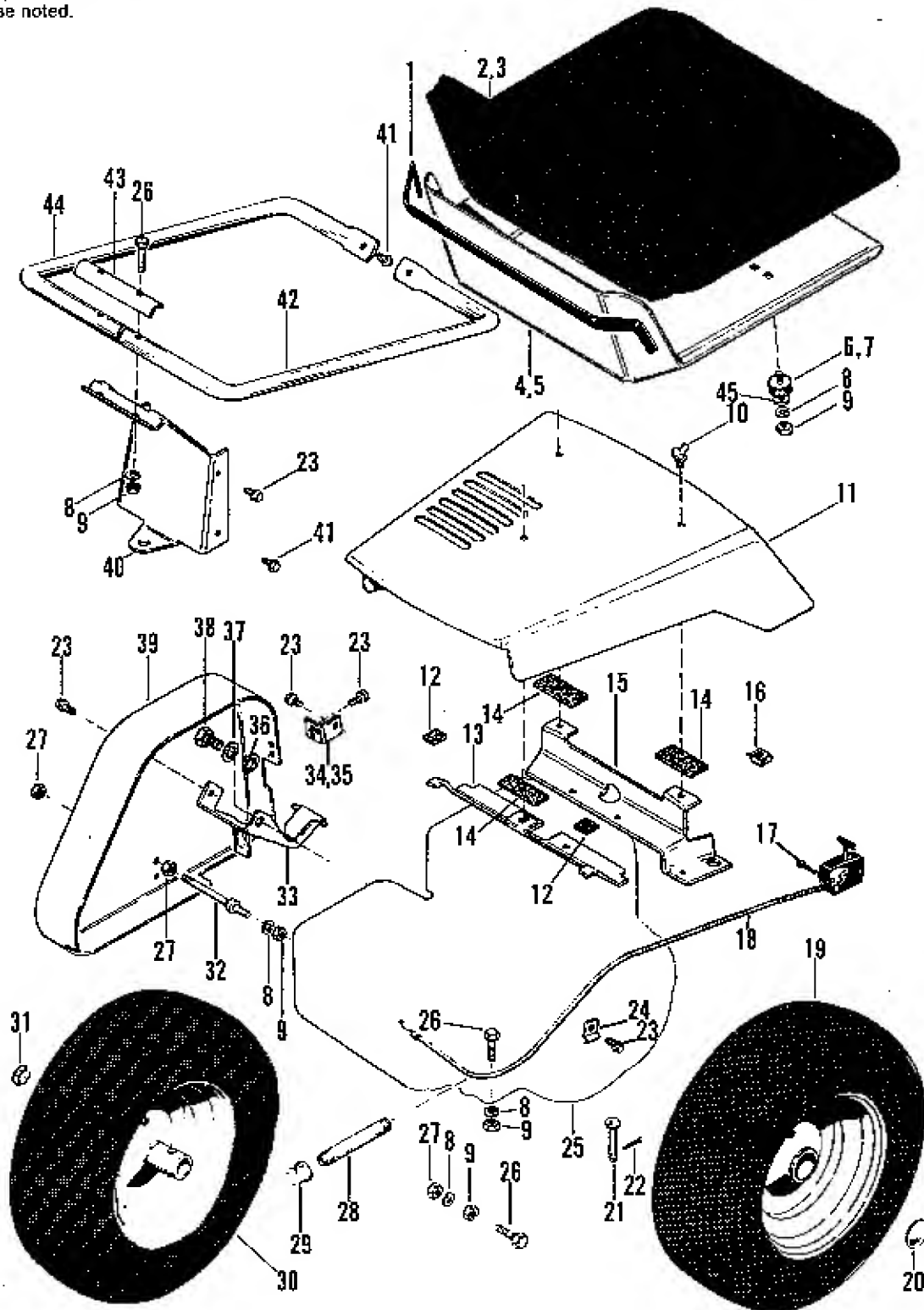


| Rel.<br>No. | Part<br>No. | Qty. | Description                                     |
|-------------|-------------|------|---|
| 1           | 159177      | 1    | TAPE, 2 ft.                                     |
| 2           | 1610429     | 1    | PAD, Seal                                       |
| *3          | 919381      | 2    | WASHER, Plain, 5/16                             |
| 4           | 1610362     | 1    | PANEL, Seat                                     |
| 5           | 157094      | 4    | CONNECTOR, Cushion                              |
| 6           | 917356      | 10   | LOCKWASHER, 5/16 (Qty. 6 used on 991020)        |
| 7           | 917372      | 10   | NUT, Hex, Full, 5/16-18 (Qty. 6 used on 991020) |
| 8           | 1608962     | 1    | CONTROL ASSY., Throttle                         |
| 9           | 928732      | 2    | SCREW, Taptilite, #10-24 x 1                    |
| 10          | 926271      | 1    | CLIP  |
| 11          | 924856      | 3    | SCREW, Taptilite, 5/16-18 x 1/2                 |
| 12          | 1608918     | 1    | WHEEL & TIRE ASSY., Rear, R.H.                  |
| 13          | 158436      | 1    | BUTTON, Plug                                    |
| 14          | 918451      | 2    | PIN, Cotter, 1/8 x 3/4                          |
| 15          | 118053      | 2    | PIN   |
| 16          | 922127      | 3    | CAPSCREW, Hex Hd., 5/16-18 x 1-3/4              |
| 17          | 156151      | 1    | CAPSCREW, Special                               |
| 18          | 1608919     | 1    | WHEEL & TIRE ASSY., Rear, L.H.                  |
| 19          | 158433      | 1    | BUTTON, Plug                                    |
| 20          | 917642      | 4    | WASHER, Plain, 5/16                             |
| 21          | 923362      | 5    | LOCKNUT, Hex, 5/16-18                           |
| 22          | 901752      | 1    | CAP, Pipe                                       |
| 23          | 901496      | 1    | NIPPLE, Pipe                                    |
| 24          | 927428      | 2    | SCREW, Taptilite, Hex, 1/4-20 x 3/8             |
| 25          | 919316      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 1-3/4               |
| 26          | 1608963     | 1    | SHIELD, Heal                                    |
| 27          | 1608980     | 1    | SUPPORT, Hoat Shield                            |
| 28          | 1608994     | 1    | SPACER  |
| 29          | 158418      | 1    | STUD  |
| 30          | 1609443     | 1    | STOP, Bolt                                      |
| 31          | 909589      | 1    | LOCKWASHER, Int, 1/2                            |
| 32          | 924086      | 1    | CAPSCREW, Hex, 1/2-20 x 3/4                     |
| *33         | 176611      | 1    | BRACKET, Pulley Guard                           |
| **34        | 1609444     | 1    | BRACKET, Pulley Guard                           |
| 35          | 928729      | 2    | SCREW, Taptilite, Hex, 5/16-18 x 3/8            |
| 36          | 1609445     | 1    | GUARD, Pulley                                   |

\*Used on Mfg. No. 991020 only.

\*\*Used on Mfg. No. 1690128 only.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

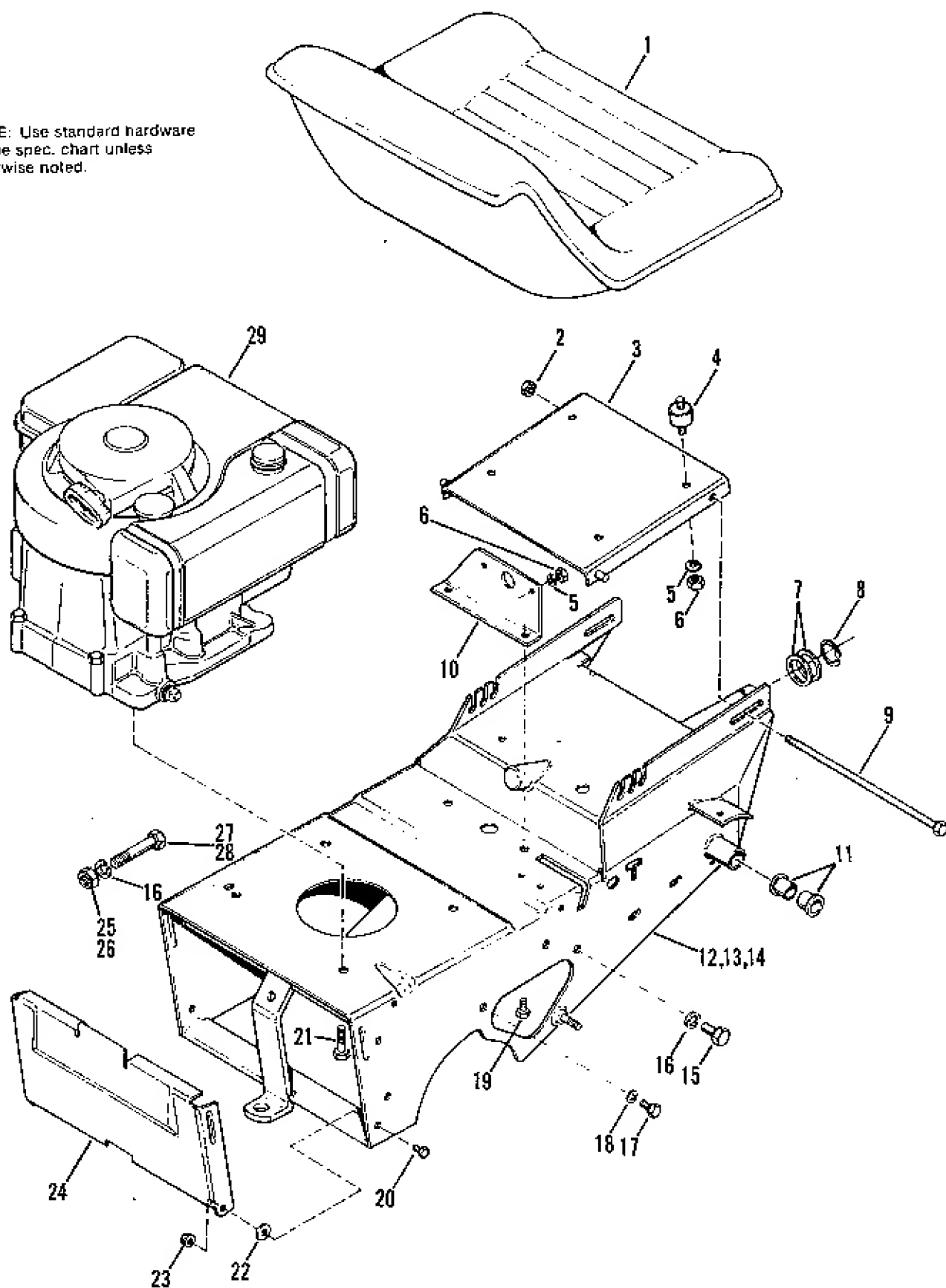


| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 159177      | 1    | TAPE, 2 ft.                        |
| *2          | 162094      | 1    | PAD, Seat                          |
| **3         | 1610429     | 1    | PAD, Seat                          |
| *4          | 165066      | 1    | PANEL, Seat                        |
| **5         | 1610362     | 1    | PANEL, Seat                        |
| *6          | 159085      | 4    | CONNECTOR, Cushion                 |
| **7         | 157094      | 4    | CONNECTOR, Cushion                 |
| 8           | 917356      | 16   | LOCKWASHER, 5/16                   |
| 9           | 917372      | 16   | NUT, Hex, Full, 5/16-18            |
| 10          | 928693      | 3    | SCREW, Thumb                       |
| 11          | 158515      | 1    | HOOD ASSY.                         |
| 12          | 157582      | 2    | BUTTON, Bumper                     |
| 13          | 158449      | 1    | SUPPORT, Rear Hood                 |
| 14          | 121399      | 3    | GASKET, Felt                       |
| 15          | 174746      | 1    | SUPPORT, Front Hood                |
| 16          | 928701      | 3    | NUT, Tinnerman, 5/16-18            |
| 17          | 928732      | 2    | SCREW, Taptite, #10-24 x 1         |
| 18          | 1608962     | 1    | THROTTLE & CHOKE ASSY.             |
| 19          | 1608383     | 1    | WHEEL & TIRE ASSY., Rear, R.H.     |
| 20          | 158436      | 1    | BUTTON, Plug                       |
| 21          | 118053      | 2    | PIN                                |
| 22          | 918451      | 2    | PIN, Collar, 1/8 x 3/4             |
| 23          | 924856      | 7    | SCREW, Taptite, 5/16-18 x 1/2      |
| 24          | 926271      | 1    | CLIP, Cable                        |
| 25          |             | 1    | ENGINE                             |
| 26          | 921221      | 7    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2 |
| 27          | 923362      | 3    | LOCKNUT, Hex, 5/16-18              |
| 28          | 158610      | 1    | NIPPLE, Pipe                       |
| 29          | 901751      | 1    | CAP, Pipe                          |
| 30          | 1608381     | 1    | WHEEL & TIRE ASSY., Rear, L.H.     |
| 31          | 158433      | 1    | BUTTON, Plug                       |
| 32          | 158418      | 1    | STUD                               |
| 33          | 158527      | 1    | STOP, Bell                         |
| *34         | 176811      | 1    | BRACKET, Pulley Guard              |
| **35        | 1609444     | 1    | BRACKET, Pulley Guard              |
| 36          | 918431      | 1    | WASHER, Plated, 1/2                |
| 37          | 909589      | 1    | LOCKWASHER, Int., 1/2              |
| 38          | 921370      | 1    | CAPSCREW, Hex Hd., 1/2-20 x 1      |
| 39          | 1609445     | 1    | GUARD, Pulley                      |
| 40          | 1608938     | 1    | PLATE, Rear Hitch                  |
| 41          | 925003      | 3    | SCREW, Taptite, 1/4-20 x 1/2       |
| 42          | 174629      | 1    | HANDLE, Rear, R.H.                 |
| 43          | 158584      | 1    | BRACKET, Support, Handle           |
| 44          | 158583      | 1    | HANDLE, Rear, L.H.                 |
| **45        | 919381      | 2    | WASHER, Plain, Plated, 5/16        |

\*Used on Mfg. No. 990900.

\*\*Used on Mfg. No. 1690124.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.





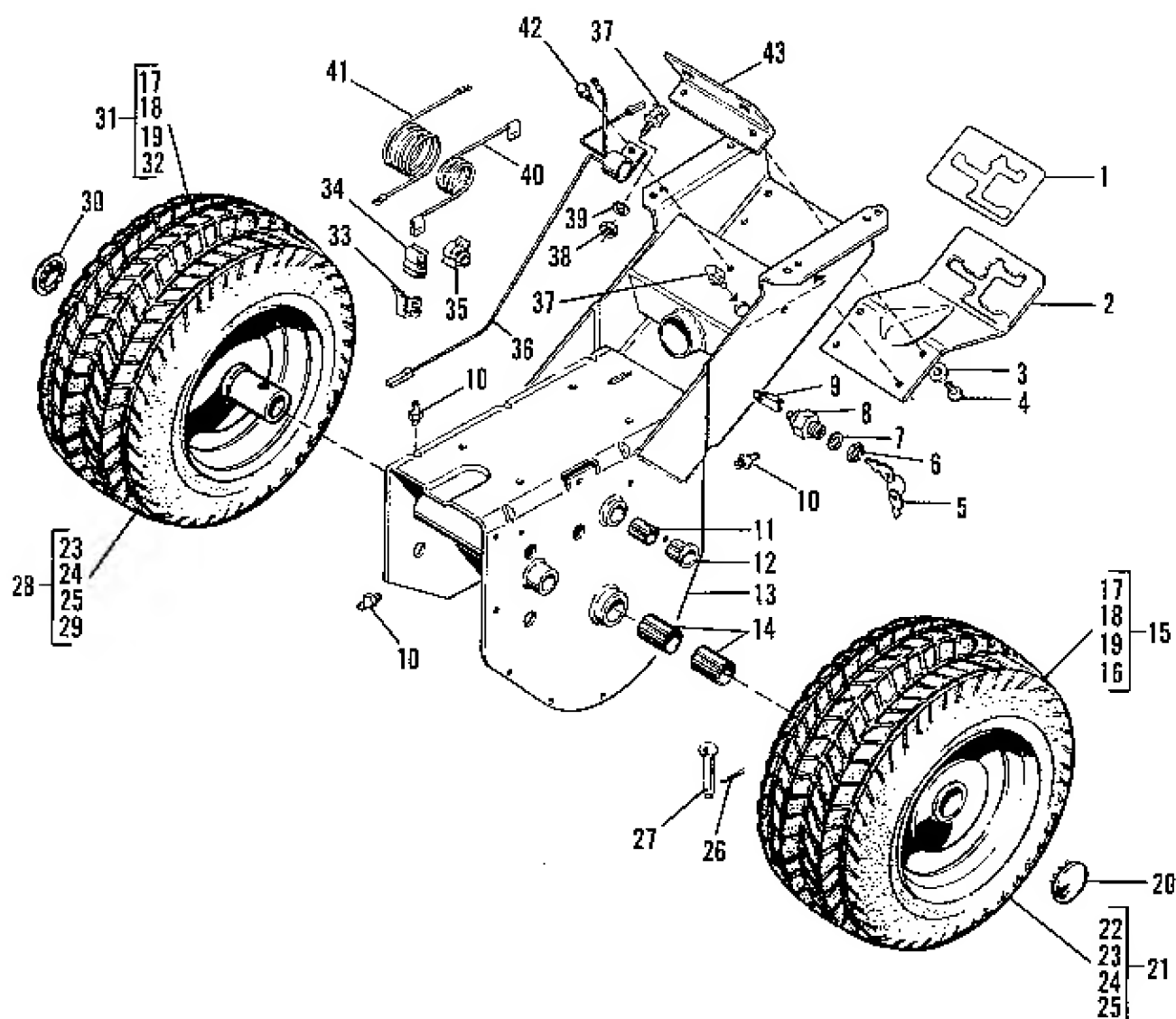
| Ref.<br>No. | Part<br>No. | Qty. | Description  |
|-------------|-------------|------|--|
| 1           | 176495      | 1    | SEAT ASSY.   |
| 2           | 930645      | 1    | NUT, Flange, 3/8-16 (Qty. 2 used on 990963, 990998 & 991000) |
| 3           | 176491      | 1    | PLATE ASSY., Seat  |
| 4           | 157094      | 4    | CONNECTOR  |
| 5           | 917356      | 6    | LOCKWASHER, 5/16   |
| 6           | 917372      | 6    | NUT, Hex, Full, 5/16-18                                      |
| 7           | 153088      | 2    | WASHER   |
| 8           | 158396      | 1    | RING, Retaining  |
| 9           | 176848      | 1    | SCREW, Special, 3/8-16 x 10                                  |
| 10          | 176836      | 1    | PLATE, Engine  |
| 11          | 108419      | 2    | BUSHING  |
| 12          | 175352      | 1    | FRAME ASSY., Rear  |
| **13        | 178007      | 1    | FRAME ASSY., Rear  |
| ***14       | 1650222     | 1    | FRAME ASSY., Rear  |
| 15          | 919321      | 2    | CAPSCREW, Hex Hd., 7/16-14 x 3/4                             |
| 16          | 918199      | 3    | LOCKWASHER, 7/16   |
| 17          | 908127      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 3/4                              |
| ***18       | 916965      | 1    | LOCKWASHER, 3/8  |
| 19          | 928730      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1/2                              |
| 20          | 921959      | 2    | CAPSCREW, Hex Hd., 1/4-20 x 5/8                              |
| 21          | 928635      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4                            |
| 22          | 166161      | 2    | WASHER, Nylon  |
| 23          | 930642      | 2    | NUT, Flange, 1/4-20  |
| 24          | 176494      | 1    | COVER, Rear  |
| ****25      | 918213      | 1    | NUT, Hex, Full, 7/16-14                                      |
| **26        | 916950      | 1    | NUT, Hex, Full, 3/8-16                                       |
| ****27      | 930584      | 1    | CAPSCREW, Hex Hd., 7/16-14 x 2-3/4                           |
| ***28       | 928957      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 2-3/4                            |
| 29          |             | 1    | ENGINE   |

\*Used on Mfg. No. 990963.

\*\*Used on Mfg. No. 990998 &amp; 991000.

\*\*\*Used on Mfg. No. 1690012.

\*\*\*\*Used on Mfg. No. 990963, 990998 &amp; 991000.

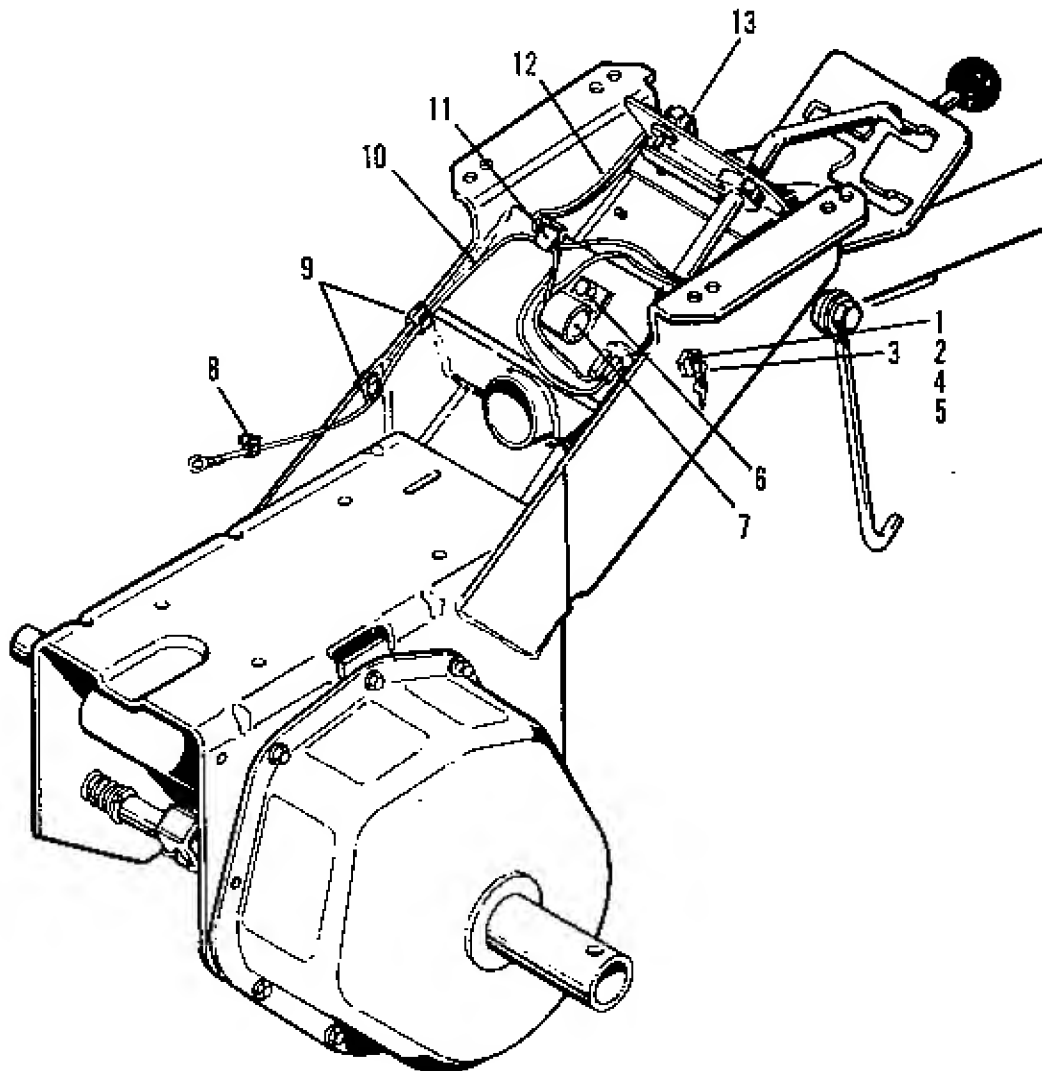


NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                                  |
|-------------|-------------|------|--|
| 1           | 172989      | 1    | DECAL, Shift Pattern                         |
| 2           | 172923      | 1    | PLATE, Shift Pattern                         |
| 3           | 917377      | 4    | WASHER, Plain, 1/4                           |
| 4           | 927429      | 4    | SCREW, Hex, Washer Hd., Tapite, 1/4-20 5/8   |
| 5           | 122203      | 1    | KEY & RING ASSY.                             |
| 6           | 122234      | 1    | NUT, Hex                                     |
| 7           | 918906      | 1    | LOCKWASHER, 5/8                              |
| 8           | 177163      | 1    | SWITCH                                       |
| 9           | 177164      | 1    | ADAPTOR                                      |
| 10          | 912808      | 3    | FITTING, Grease, 1/4-20                      |
| 11          | 156064      | 2    | BUSHING                                      |
| 12          | 158569      | 2    | BEARING, Bronze                              |
| 13          | 1656740     | 1    | ENGINE BASE ASSY. W/Bushings                 |
| 14          | 158337      | 2    | BUSHINGS                                     |
| **15        | 1608918     | 1    | WHEEL & TIRE ASSY., R.H.                     |
| **16        | 1608916     | 1    | WHEEL ASSY., Rear, R.H.                      |
| **17        | 159158      | 2    | TIRE   |
| **18        | 1608991     | 2    | TUBE, 16 x 6-1/2 x 8                         |
| **19        | 156305      | 2    | VALVE STEM & CAP                             |
| 20          | 158438      | 1    | PLUG, Button                                 |
| *21         | 1608383     | 1    | WHEEL & TIRE ASSY., R.H.                     |
| *22         | 1608384     | 1    | WHEEL ASSY., Rear, R.H.                      |
| *23         | 153037      | 2    | TIRE   |
| *24         | 153038      | 2    | TUBE   |
| *25         | 171270      | 2    | VALVE STEM & CAP                             |
| 26          | 918452      | 2    | PIN, Cotter, 1/8 x 1                         |
| 27          | 118053      | 2    | PIN  |
| *28         | 1608381     | 1    | WHEEL & TIRE ASSY., Rear, L.H.               |
| *29         | 1608382     | 1    | WHEEL ASSY., Rear, L.H.                      |
| 30          | 158433      | 1    | PLUG, Button                                 |
| **31        | 1608919     | 1    | WHEEL & TIRE ASSY., Rear, L.H.               |
| **32        | 1608917     | 1    | WHEEL ASSY., Rear, L.H.                      |
| 33          | 176687      | 1    | CLIP, Cable                                  |
| 34          | 176701      | 2    | CLIP, Cable                                  |
| 35          | 176675      | 1    | CLIP, Cable                                  |
| 36          | 1609276     | 1    | WIRE, Ignition Interlock                     |
| 37          | 1609279     | 2    | SWITCH, Safety                               |
| 38          | 917385      | 1    | NUT, Hex, Full, #8-32                        |
| 39          | 917489      | 1    | LOCKWASHER, #8                               |
| 40          | 1609277     | 1    | LEAD, Switch Interlock                       |
| 41          | 176480      | 1    | WIRE   |
| 42          | 927428      | 1    | SCREW, Hex, Washer Hd., Tapite, 1/4-20 x 3/8 |
| 43          | 1609280     | 1    | GUIDE, Shift Rod                             |

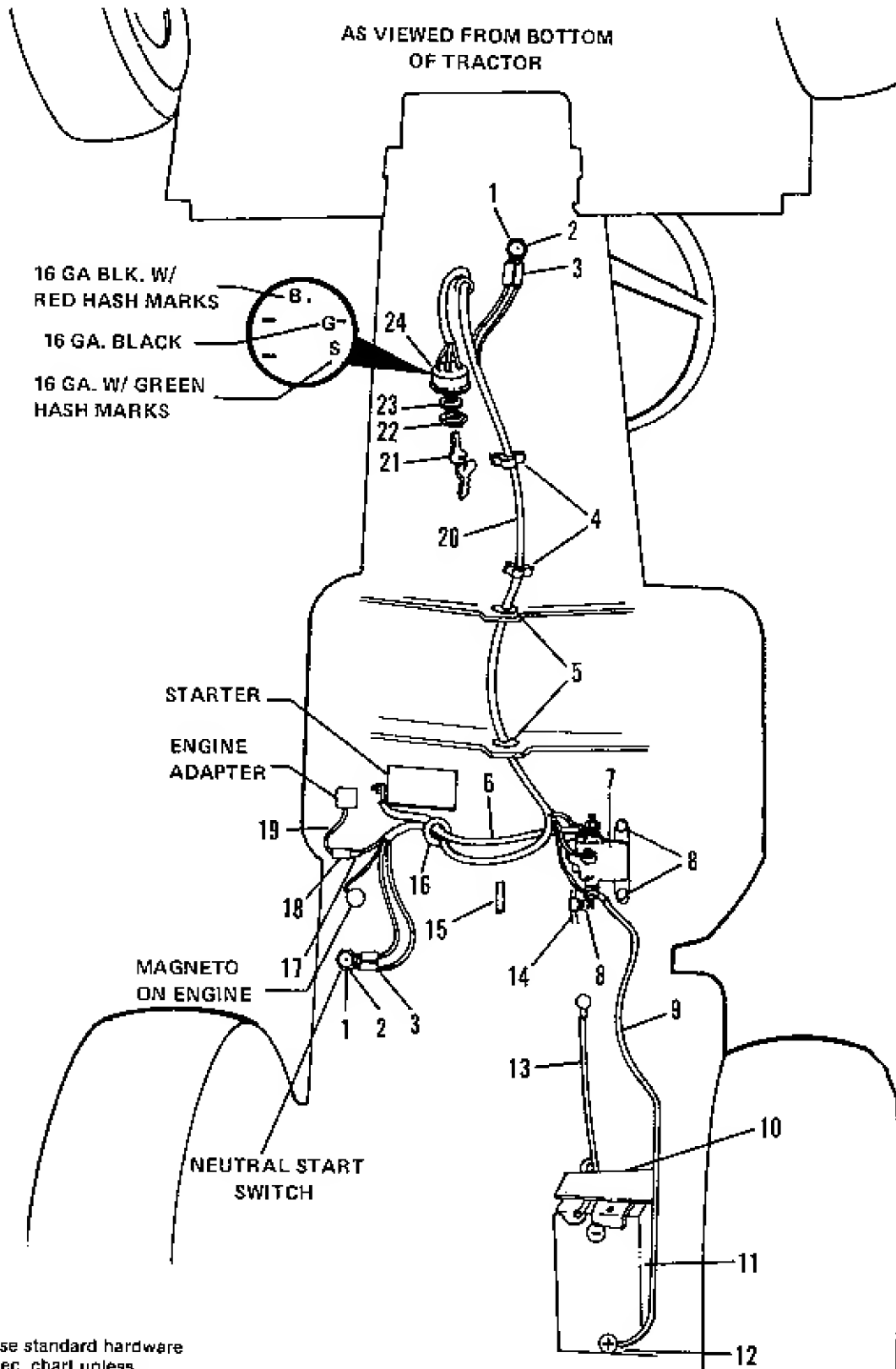
\*Used on Mfg. No. 1690240.

\*\*Used on Mfg. No. 1690242.



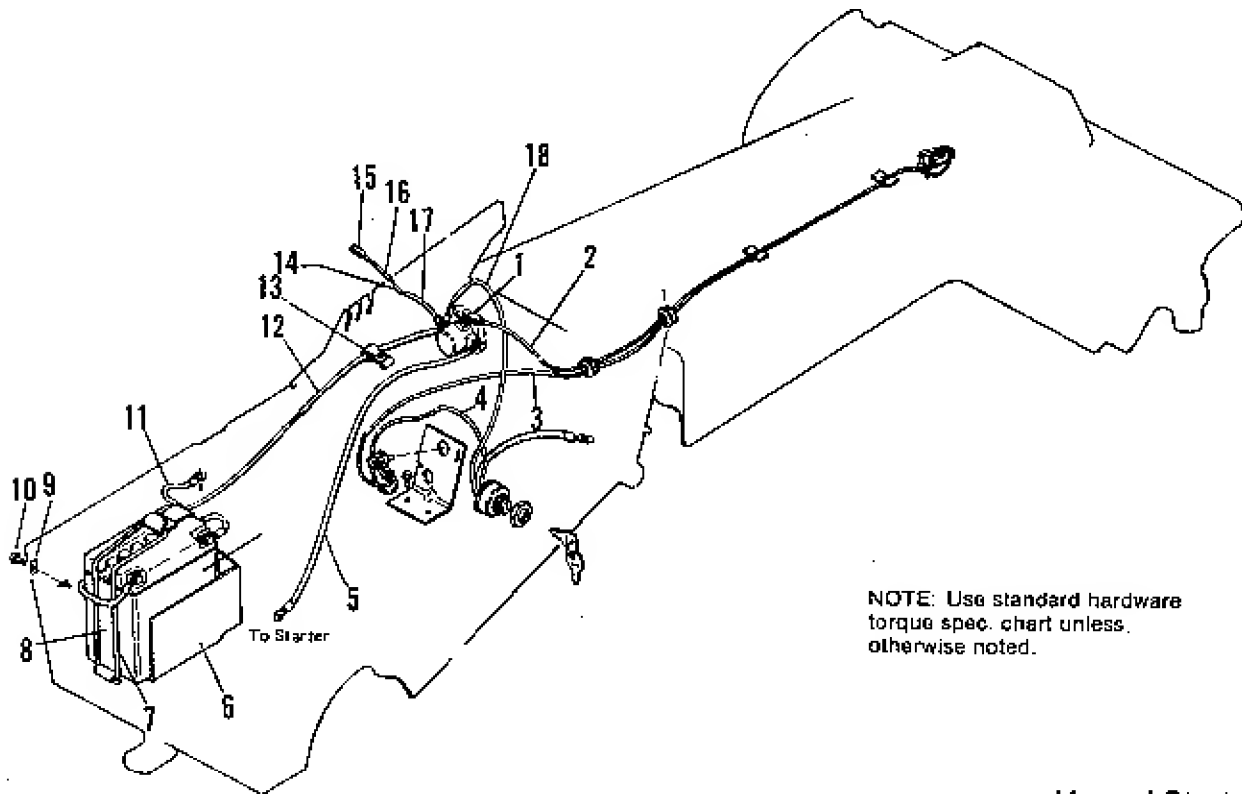
NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                            |
|-------------|-------------|------|--|
| 1           | 177163      | 1    | SWITCH, Ignition                       |
| 2           | 177164      | 1    | ADAPTOR                                |
| 3           | 122203      | 1    | KEY & RING ASSY.                       |
| 4           | 918906      | 1    | LOCKWASHER, 5/8                        |
| 5           | 122234      | 1    | NUT, Hex                               |
| 6           | 927428      | 1    | SCREW, Hex, Self Tapping, 1/4-20 x 3/8 |
| 7           | 1609276     | 1    | INTERLOCK, Ignition                    |
| 8           | 176687      | 1    | CLIP                                   |
| 9           | 176701      | 2    | CLIP                                   |
| 10          | 176480      | 1    | WIRE                                   |
| 11          | 176675      | 1    | CLIP                                   |
| 12          | 1609277     | 1    | LEAD                                   |
| 13          | 1609279     | 2    | SWITCH, Safety                         |

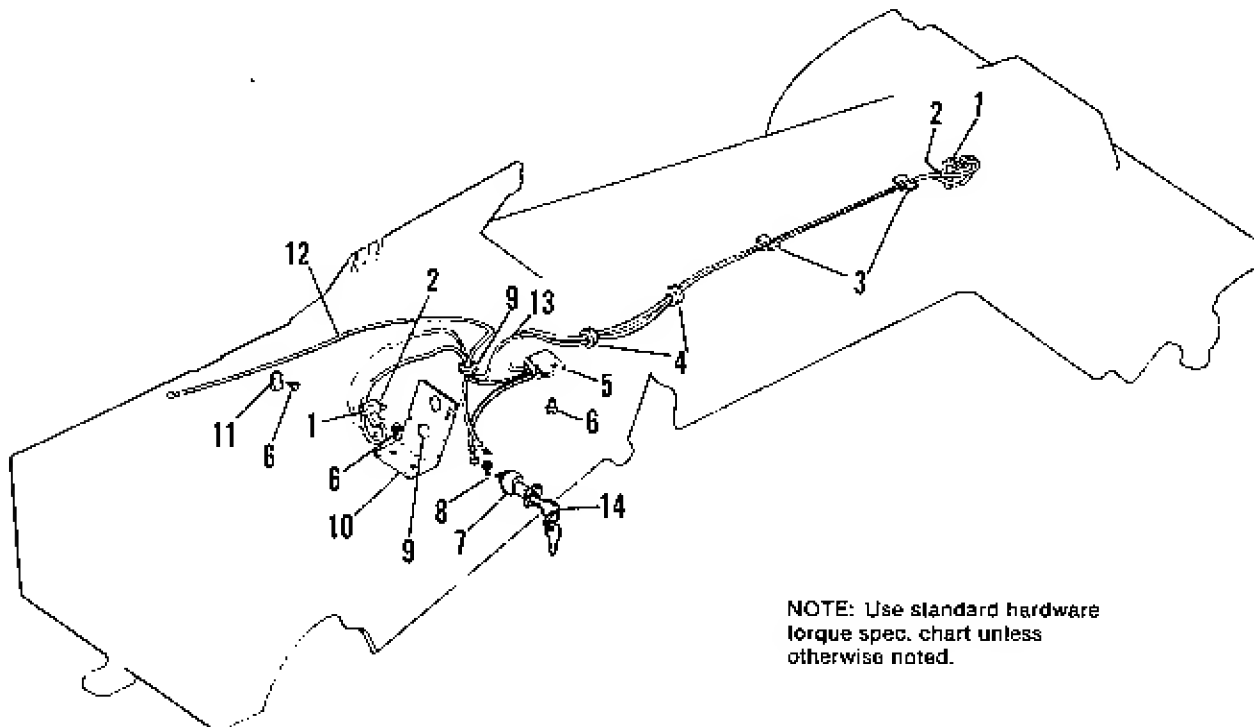


NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Rel.<br>No. | Part<br>No. | Qty. | Description                                    |
|-------------|-------------|------|--|
| 1           | 177522      | 2    | SWITCH, Safety                                 |
| 2           | 930647      | 2    | PAI.NUT, 9/16-18                               |
| 3           | 1651222     | 2    | CONNECTOR, Body                                |
| 4           | 176912      | 2    | CLIP, Wire                                     |
| 5           | 176833      | 2    | GROMMET  |
| 6           | 177982      | 1    | CABLE ASSY. (Solenoid to Starter)              |
| 7           | 122216      | 1    | SOLENOID                                       |
| 8           | 929000      | 3    | SCREW, Hex, Washer Hd., Taplite, 1/4-20 x 3/8  |
| 9           | 177981      | 1    | CABLE ASSY. (Battery to Solenoid)              |
| 10          | 176623      | 1    | SUPPORT ASSY., Battery                         |
| 11          | 177390      | 1    | BATTERY & CLIP ASSY.                           |
| 12          | 172744      | 1    | STRAP, Rubber                                  |
| 13          | 176975      | 1    | CABLE ASSY. (Battery neg. to ground)           |
| 14          | 154247      | 1    | CLAMP  |
| 15          | 1651124     | 1    | GROMMET  |
| 16          | 1650793     | 1    | GROMMET  |
| 17          | 930612      | 2    | SCREW, Pan Hd., Phillips, Taplite, #8-32 x 3/4 |
| 18          | 178171      | 1    | RESISTOR                                       |
| 19          | 178172      | 1    | WIRE ASSY.                                     |
| 20          | 1650862     | 1    | HARNESS, Wiring                                |
| 21          | 122203      | 1    | KEY & RING ASSY.                               |
| 22          | 122234      | 1    | NUT, Special                                   |
| 23          | 918906      | 1    | LOCKWASHER, Int. 5/8                           |
| 24          | 178280      | 1    | SWITCH, Ignition                               |



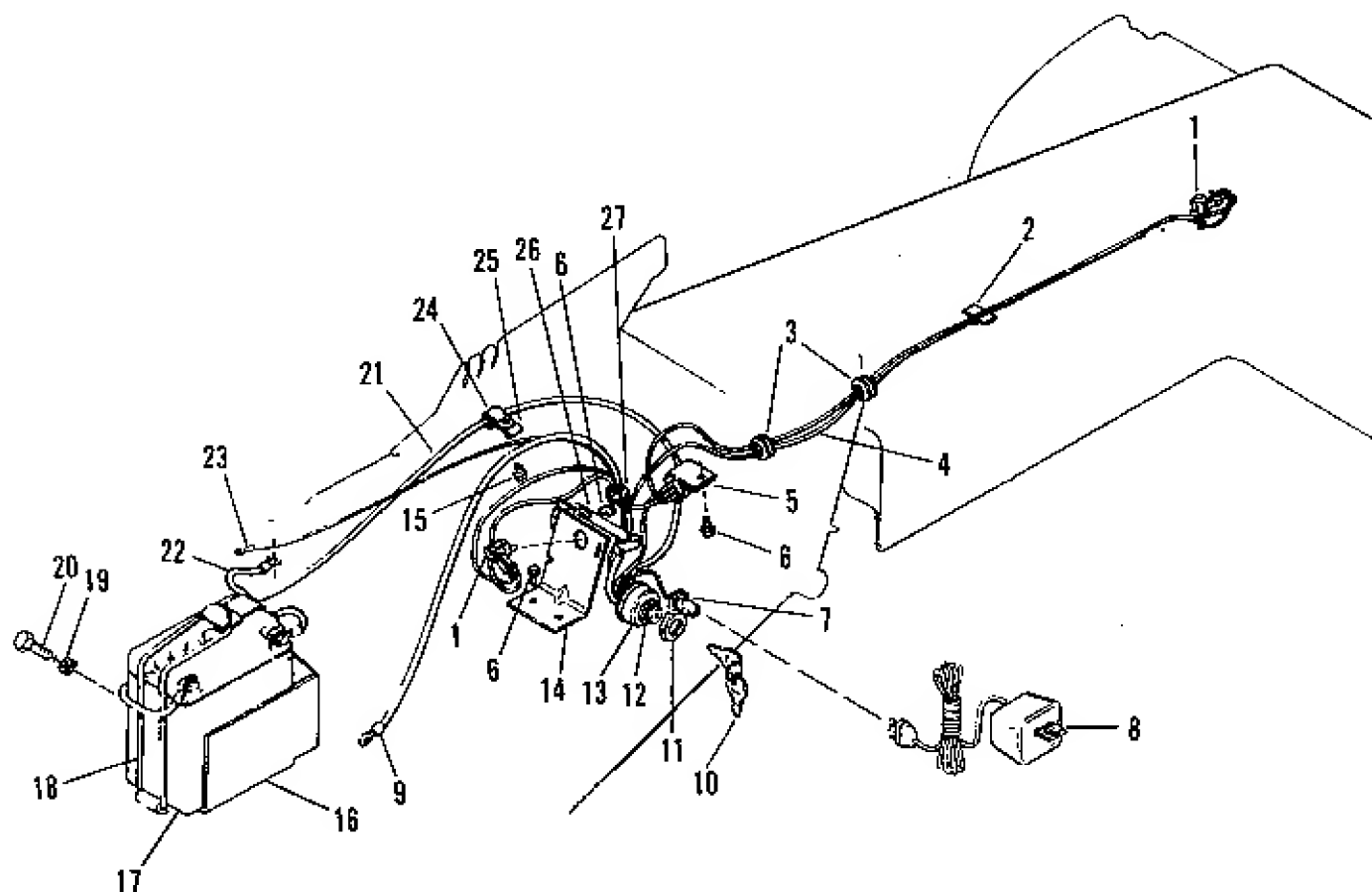
Manual Start Group





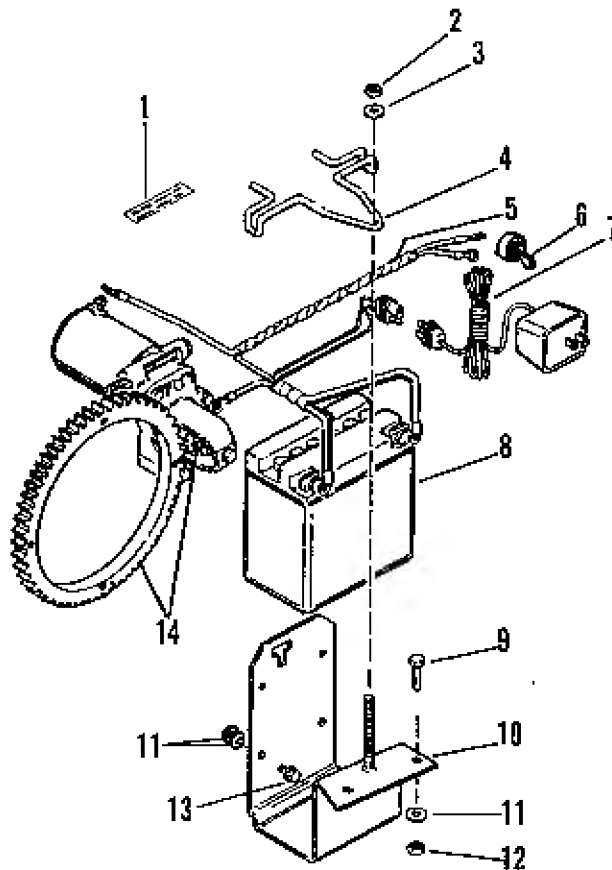
| Ref.<br>No. | Part<br>No. | Qty. | Description                               |
|-------------|-------------|------|---|
| 1           | 122216      | 1    | SOLENOID                                  |
| 2           | 177984      | 1    | WIRE ASSY. (PTO switch to solenoid)       |
| 3           | 178444      | 1    | WIRE                                      |
| 4           | 177985      | 1    | WIRE ASSY. (Switch to ignition switch)    |
| 5           | 177982      | 1    | CABLE ASSY., Solenoid (To starter)        |
| 6           | 176623      | 1    | SUPPORT ASSY. (Battery)                   |
| 7           | 176912      | 2    | CLIP, Wire                                |
| 8           | 177390      | 1    | BATTERY & CLIP ASSY.                      |
| 9           | 920299      | 3    | NUT, Speed                                |
| 10          | 928688      | 3    | SCREW, Self Tapping, #10 x 1/2            |
| 11          | 176976      | 1    | CABLE ASSY. (Battery neg. to ground)      |
| 12          | 177981      | 1    | CABLE ASSY. (Battery to solenoid)         |
| 13          | 932771      | 1    | CLIP, Cable                               |
| 14          | 178171      | 1    | RESISTOR                                  |
| 15          | 172410      | 1    | FUSE, 7-1/2 Amp                           |
| 16          | 178172      | 1    | WIRE ASSY.                                |
| 17          | 178173      | 1    | WIRE ASSY.                                |
| 18          | 177983      | 1    | WIRE ASSY., Ignition (Switch to Solenoid) |

| Ref.<br>No. | Part<br>No. | Qty. | Description                                   |
|-------------|-------------|------|---|
| 1           | 177522      | 2    | SWITCH, Safety                                |
| 2           | 930647      | 3    | PALNUT  |
| 3           | 176912      | 2    | CLIP, Wire                                    |
| 4           | 172176      | 2    | GROMMET                                       |
| 5           | 178447      | 1    | INTERLOCK, Ignition                           |
| 6           | 929000      | 4    | SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8 |
| 7           | 177163      | 1    | SWITCH  |
| 8           | 177164      | 1    | ADAPTOR                                       |
| 9           | 176833      | 2    | GROMMET                                       |
| 10          | 178448      | 1    | SUPPORT, Switch                               |
| 11          | 154247      | 1    | CLAMP   |
| 12          | 176834      | 1    | WIRE  |
| 13          | 178444      | 1    | WIRE  |
| 14          | 122203      | 1    | KEY & RING ASSY.                              |



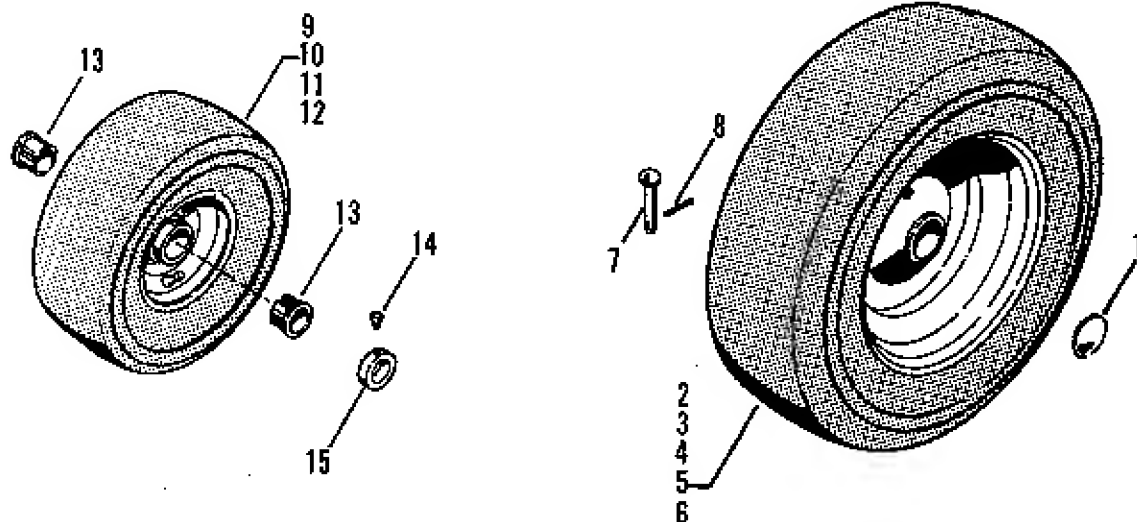
NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Rel.<br>No. | Part<br>No. | Qty. | Description                                   |
|-------------|-------------|------|---|
| 1           | 1609279     | 2    | SWITCH  |
| 2           | 176912      | 1    | CLIP  |
| 3           | 176833      | 2    | GROMMET                                       |
| 4           | 176835      | 1    | WIRE, Green                                   |
| 5           | 176792      | 1    | INTERLOCK                                     |
| 6           | 929000      | 4    | SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3   |
| 7           | 176852      | 1    | RECEPTACLE, Charger                           |
| 8           | 170046      | 1    | CHARGER, Battery                              |
| 9           | 177981      | 1    | CABLE ASSY. (Switch to Start)                 |
| 10          | 122203      | 1    | KEYS  |
| 11          | 122234      | 1    | NUT, Hex, Special                             |
| 12          | 918906      | 1    | LOCKWASHER, 5/8                               |
| 13          | 122218      | 1    | SWITCH, Ignition                              |
| 14          | 176805      | 1    | SWITCH, Support                               |
| 15          | 927428      | 1    | SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8 |
| 16          | 176823      | 1    | SUPPORT ASSY., Battery                        |
| 17          | 177380      | 1    | BATTERY & CLIP ASSY.                          |
| 18          | 172744      | 1    | STRAP, Rubber                                 |
| 19          | 920299      | 3    | NUT, Speed                                    |
| 20          | 928688      | 3    | SCREW, Self Tapping, #10 x 1/2                |
| 21          | 176974      | 1    | CABLE ASSY. (Battery pos. to ignition switch) |
| 22          | 176975      | 1    | CABLE ASSY. (Battery neg. to ground)          |
| 23          | 176834      | 1    | WIRE, Black                                   |
| 24          | 154247      | 1    | CLAMP   |
| 25          | 932771      | 1    | CLIP, Cable                                   |
| 26          | 176804      | 1    | CLIP  |
| 27          | 172176      | 1    | GROMMET                                       |



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

## Front & Rear Wheels Group



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

## 12 Volt Starter Group

**Simplicity**

2/80

| Ref.<br>No. | Part<br>No. | Qty. | Description                                    |
|-------------|-------------|------|--|
| 1           | 174885      | 1    | FILM, Ignition                                 |
| 2           | 923358      | 1    | LOCKNUT, Hex, 1/4-20                           |
| 3           | 917377      | 1    | WASHER, Plain, 1/4                             |
| 4           | 174412      | 1    | HOLD DOWN, Battery                             |
| 5           | 176627      | 1    | HARNESS ASSY.                                  |
| *6          | 122218      | 1    | SWITCH, Ignition Key                           |
| 7           | 170046      | 1    | CHARGER, Battery                               |
| 8           | 177390      | 1    | BATTERY  |
| 9           | 921977      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4             |
| 10          | 176799      | 1    | SUPPORT ASSY., Battery                         |
| 11          | 917642      | 4    | WASHER, Plain, 5/16                            |
| 12          | 923362      | 2    | LOCKNUT, Hex, 5/16-18                          |
| 13          | 925359      | 2    | SCREW, Hex, Washer Hd., Taptite, 5/16-18 x 3/4 |
| 14          | 1608612     | 1    | STARTER KIT                                    |

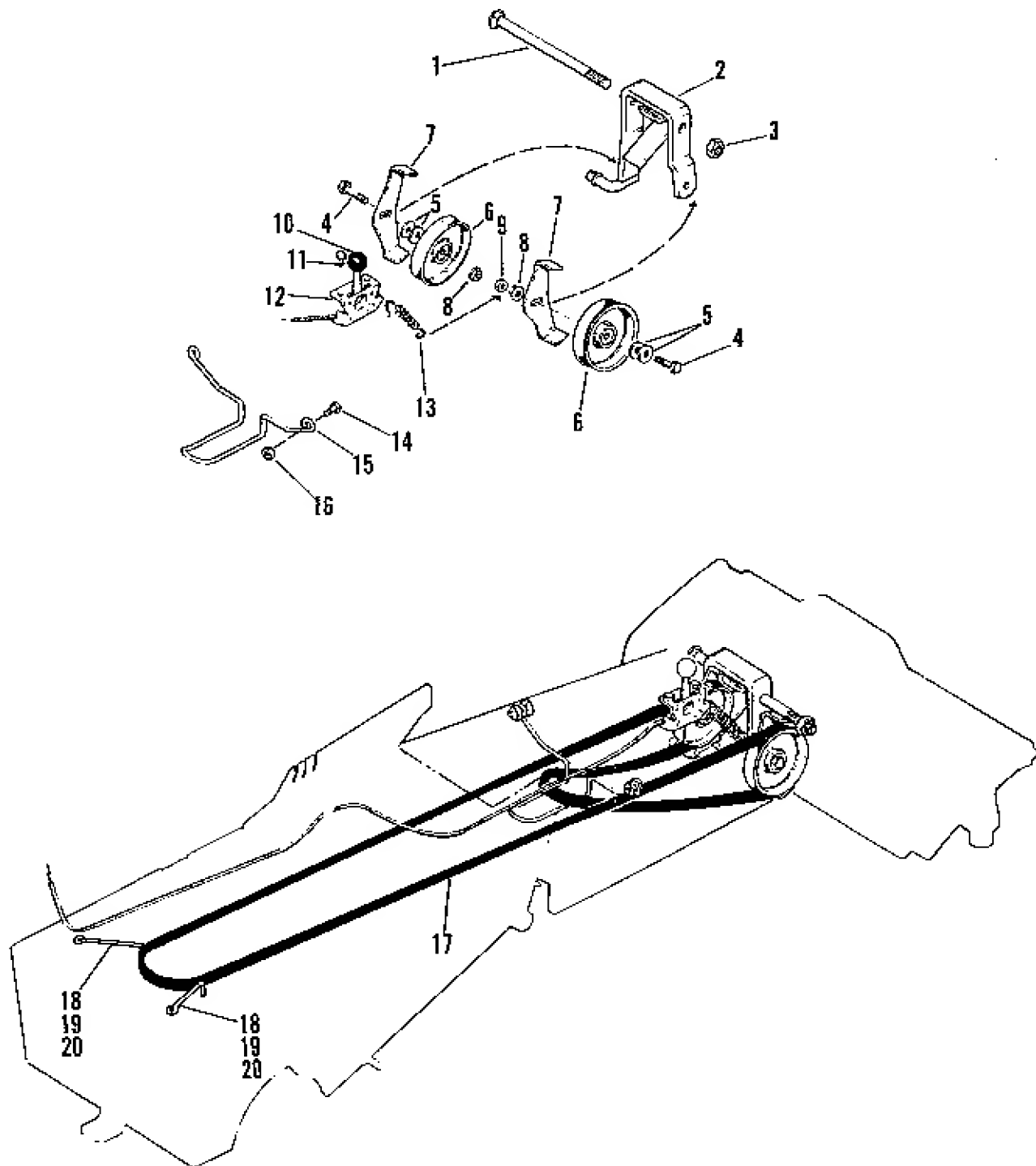
\*Used on Mfg. No. 1600312 Only.

Mfg. No. 990963, 990998, 991000, 1690012

## Front &amp; Rear Wheels Group

2/80

| Ref.<br>No. | Part<br>No. | Qty. | Description               |
|-------------|-------------|------|---------------------------|
| 1           | 158433      | 2    | BUTTON, Plug              |
| 2           | 1608919     | 2    | WHEEL & TIRE ASSY., Rear  |
| 3           | 1608917     | 2    | WHEEL ASSY.               |
| 4           | 157490      | 2    | TIRE, Tubeless            |
| 5           | 153038      | 2    | TUBE                      |
| 6           | 171270      | 2    | STEM, Valve, Cap          |
| 7           | 118053      | 2    | PIN                       |
| 8           | 918451      | 2    | PIN, Cotter, 1/8 x 3/4    |
| 9           | 1608379     | 2    | WHEEL & TIRE ASSY., Front |
| 10          | 1608380     | 2    | WHEEL                     |
| 11          | 163108      | 2    | TIRE                      |
| 12          | 163109      | 2    | TUBE                      |
| 13          | 158316      | 4    | BEARING, Relief           |
| 14          | 928691      | 2    | SETSCREW, 5/16-18 x 5/16  |
| 15          | 8021010     | 2    | COLLAR, Set               |

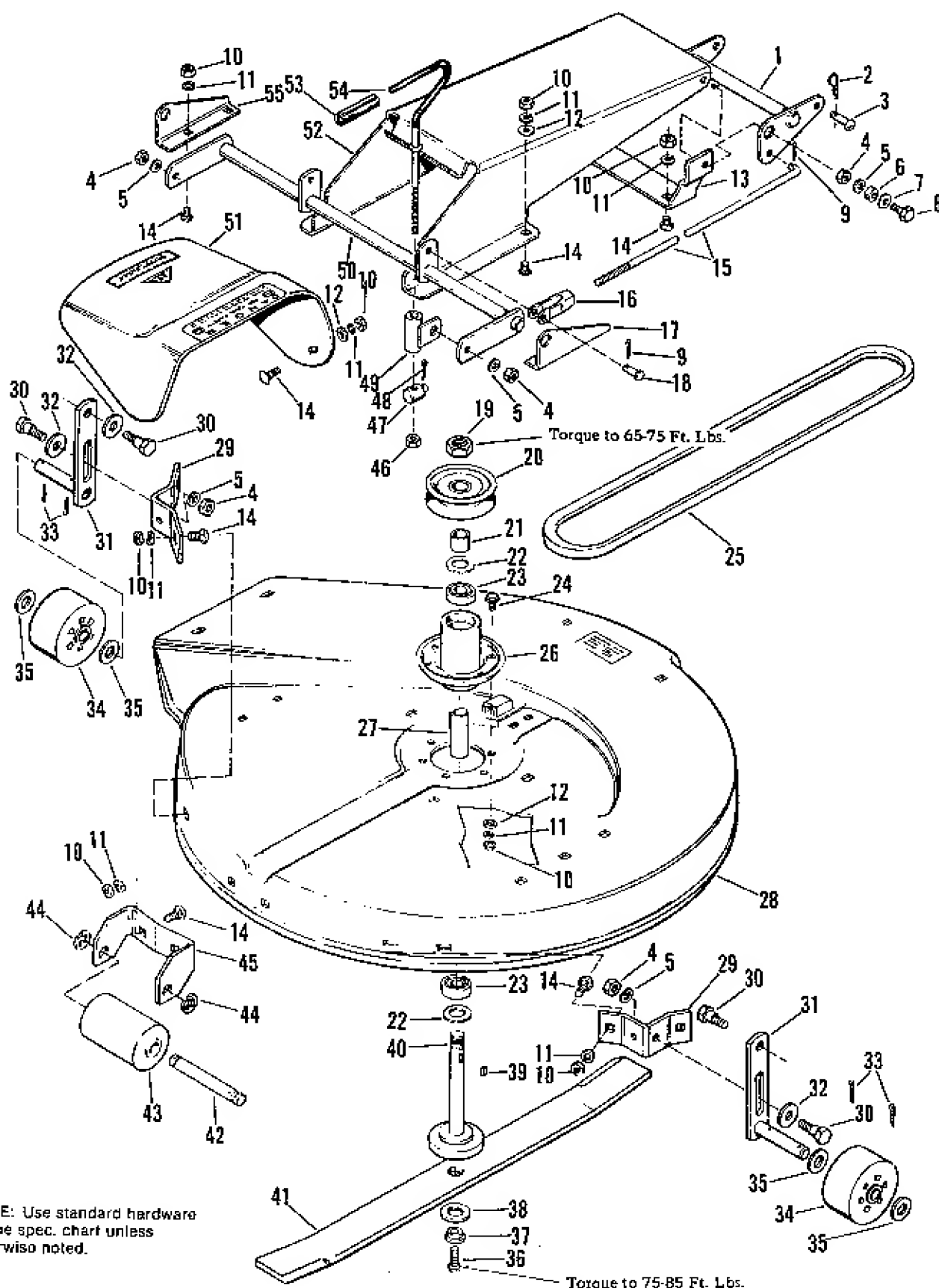


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Rel.<br>No. | Part<br>No. | Qty. | Description                      |
|-------------|-------------|------|----------------------------------|
| 1           | 927375      | 1    | BOLT, Carriage, 1/2-13 x 8       |
| 2           | 176749      | 1    | BRACKET ASSY., P.T.O.            |
| 3           | 930644      | 1    | LOCKNUT, 1/2-13                  |
| 4           | 923701      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 2    |
| 5           | 157424      | 4    | WASHER, Special                  |
| 6           | 175954      | 2    | PULLEY                           |
| 7           | 176913      | 2    | GUIDE, Belt                      |
| 8           | 930645      | 2    | NUT, Hex, Flange, 3/8-16         |
| 9           | 928731      | 1    | LOCKNUT, Jam, 3/8-16             |
| 10          | 172038      | 1    | KNOB                             |
| 11          | 929000      | 2    | SCREW, Taptite, 1/4-20 x 3/8     |
| 12          | 176868      | 1    | CONTROL, Throttle                |
| 13          | 106681      | 1    | SPRING                           |
| *14         | 919319      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 7/8 |
| *15         | 176964      | 1    | GUIDE, Belt                      |
| *16         | 923362      | 2    | LOCKNUT, Hex, 5/16-18            |
| 17          | 176451      | 1    | BELT, V                          |
| *18         | 158499      | 2    | STOP, Belt                       |
| **19        | 1650858     | 1    | STOP, Belt                       |
| **20        | 1650859     | 1    | STOP, Belt                       |

\*Used on Mfg. No. 990963, 990998 &amp; 991000.

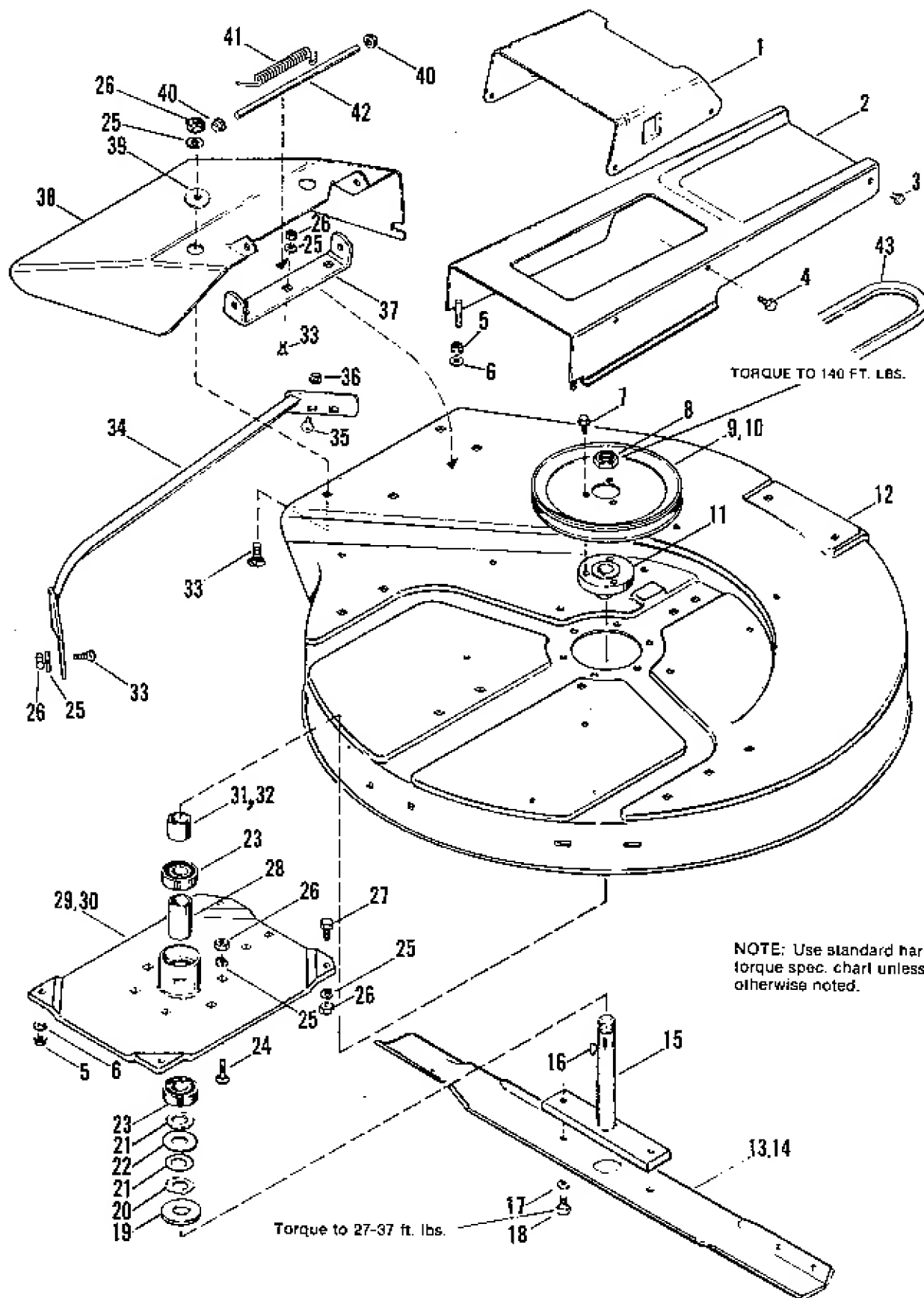
\*\*Used on Mfg. No. 1690012.





| Ref.<br>No. | Part<br>No. | Qty. | Description                              |
|-------------|-------------|------|--|
| 1           | 176763      | 1    | BELLCRANK ASSY.                          |
| 2           | 176012      | 2    | CLIP, Safety                             |
| 3           | 106249      | 2    | PIN                                      |
| 4           | 916960      | 6    | NUT, Hex, Full, 3/8-16                   |
| 5           | 916965      | 6    | LOCKWASHER, 3/8                          |
| 6           | 153081      | 2    | SPACER                                   |
| 7           | 917378      | 2    | WASHER, Plain, 3/8                       |
| 8           | 921210      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1            |
| 9           | 918447      | 4    | PIN, Cotter, 3/32 x 3/4                  |
| 10          | 917372      | 25   | NUT, Hex, Full, 5/16-18                  |
| 11          | 917356      | 25   | LOCKWASHER, 5/16                         |
| 12          | 917642      | 13   | WASHER, Plain, 5/16                      |
| 13          | 176737      | 1    | BRACKET                                  |
| 14          | 930685      | 19   | BOLT, Carriage, 5/16-18 x 5/8            |
| 15          | 176768      | 1    | ROD, Adjusting                           |
| 16          | 108157      | 2    | CLEVIS                                   |
| 17          | 176770      | 1    | BRACKET, Pivot, R.H.                     |
| 18          | 923087      | 2    | PIN                                      |
| *19         | 922133      | 1    | LOCKNUT, Jam, 3/4-16                     |
| *20         | 174910      | 1    | PULLEY                                   |
| *21         | 1653481     | 1    | SPACER                                   |
| *22         | 108472      | 2    | WASHER                                   |
| *23         | 108202      | 2    | BEARING, Ball                            |
| *24         | 921332      | 6    | CAPSCREW, Hex Hd., 5/16-18 x 3/4         |
| 25          | 174911      | 1    | BELT, V                                  |
| *26         | 1655073     | 1    | TUBE ASSY., Arbor w/Bearings             |
| 27          | 1602265     | 1    | SPACER                                   |
| 28          | 1602181     | 1    | HOUSING, 26"                             |
| 29          | 1602211     | 2    | BRACKET, Roller Support                  |
| 30          | 172622      | 4    | BOLT, Shoulder                           |
| 31          | 1607603     | 2    | SUPPORT ASSY., Roller                    |
| 32          | 918430      | 3    | WASHER, Plain, 7/16                      |
| 33          | 918458      | 4    | PIN, Cotter, 3/16 x 1                    |
| 34          | 1655098     | 2    | ROLLER ASSY.                             |
| 35          | 919387      | 4    | WASHER, Plain, 5/8                       |
| 36          | 1605933     | 1    | CAPSCREW, Hex Hd., 1/2-20 x 1, L.H. Thd. |
| 37          | 1605745     | 1    | WASHER, Shoulder                         |
| 38          | 1605746     | 1    | WASHER, Belleville                       |
| 39          | 918312      | 1    | KEY, Woodruff, #61                       |
| *40         | 174603      | 1    | ARBOR ASSY.                              |
| 41          | 1607534     | 1    | BLADE, 26"                               |
| 42          | 1603205     | 1    | SHAFT, Center Roller                     |
| 43          | 109431      | 1    | ROLLER ASSY.                             |
| 44          | 1602155     | 2    | RING, Retaining                          |
| 45          | 1603204     | 1    | BRACKET, Roller, Center                  |
| 46          | 930651      | 1    | LOCKNUT, Hex, 3/8-16                     |
| 47          | 108172      | 1    | PIVOT                                    |
| 48          | 922000      | 1    | PIN, Cotter, 3/32 x 5/8                  |
| 49          | 176777      | 1    | GUIDE ASSY., Rod                         |
| 50          | 176765      | 1    | LEVER ASSY.                              |
| 51          | 174820      | 1    | DEFLECTOR                                |
| 52          | 176736      | 1    | COVER, Belt                              |
| 53          | 176985      | 1    | GRIP, Handle                             |
| 54          | 176775      | 1    | HANDLE                                   |
| 55          | 176769      | 1    | BRACKET, Pivot, L.H.                     |

\*All parts are included in Arbor Assy. Kit 103288 for service only.



| Ref.<br>No. | Part<br>No. | Qty. | Description                       |
|-------------|-------------|------|-----------------------------------|
| 1           | 176791      | 1    | COVER, Upper                      |
| 2           | 1609032     | 1    | COVER ASSY., Lower                |
| 3           | 928730      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1/2   |
| 4           | 927428      | 2    | SCREW, Tapite, 1/4-20 x 3/8       |
| 5           | 923362      | 4    | LOCKNUT, Hex, 5/16-18             |
| 6           | 917642      | 4    | WASHER, Plain, 5/16               |
| 7           | 177392      | 3    | SCREW, Thd. Forming, 3/8-16 x 3/4 |
| 8           | 922133      | 1    | LOCKNUT, Jam, 3/4-16              |
| ****9       | 175941      | 1    | PULLEY                            |
| ***10       | 1608859     | 1    | PULLEY                            |
| 11          | 1651404     | 1    | HUB, Pulley                       |
| 12          | 1608351     | 1    | HOUSING, Mower, 30"               |
| *13         | 176839      | 1    | BLADE, 30"                        |
| **14        | 1651297     | 1    | BLADE, 30"                        |
| 15          | 1651293     | 1    | ARBOR ASSY.                       |
| 16          | 918312      | 1    | KEY, Woodruff, #61                |
| 17          | 916965      | 2    | LOCKWASHER, 3/8                   |
| 18          | 923485      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 7/8   |
| 19          | 108182      | 1    | WASHER                            |
| 20          | 108181      | 1    | WASHER                            |
| 21          | 108472      | 2    | WASHER                            |
| 22          | 108257      | 1    | WASHER                            |
| 23          | 108202      | 2    | BEARING, Ball                     |
| 24          | 921158      | 6    | BOLT, Carriage, 5/16-18 x 1       |
| 25          | 917356      | 15   | LOCKWASHER, 5/16                  |
| 26          | 917372      | 15   | NUT, Hex, Full, 5/16-18           |
| 27          | 921333      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1    |
| 28          | 176984      | 1    | SPACER                            |
| *29         | 176986      | 1    | TUBE ASSY., Arbor                 |
| **30        | 1651298     | 1    | TUBE ASSY., Arbor                 |
| *31         | 176843      | 1    | SPACER                            |
| **32        | 1651295     | 1    | SPACER                            |
| 33          | 920562      | 6    | BOLT, Carriage, 5/16-18 x 3/4     |
| 34          | 1608374     | 1    | GUARD ASSY., Stone                |
| 35          | 923700      | 2    | BOLT, Carriage, 5/16-18 x 1/2     |
| 36          | 928698      | 2    | LOCKNUT, Jam, 5/16-18             |
| 37          | 1608281     | 1    | SUPPORT, Hinge                    |
| 38          | 1608357     | 1    | DEFLECTOR                         |
| 39          | 8161199     | 2    | WASHER                            |
| 40          | 170015      | 2    | PUSHNUT                           |
| 41          | 1608348     | 1    | SPRING                            |
| 42          | 1608293     | 1    | PIN, Hinge                        |
| ***43       | 1608957     | 1    | BELT, V                           |

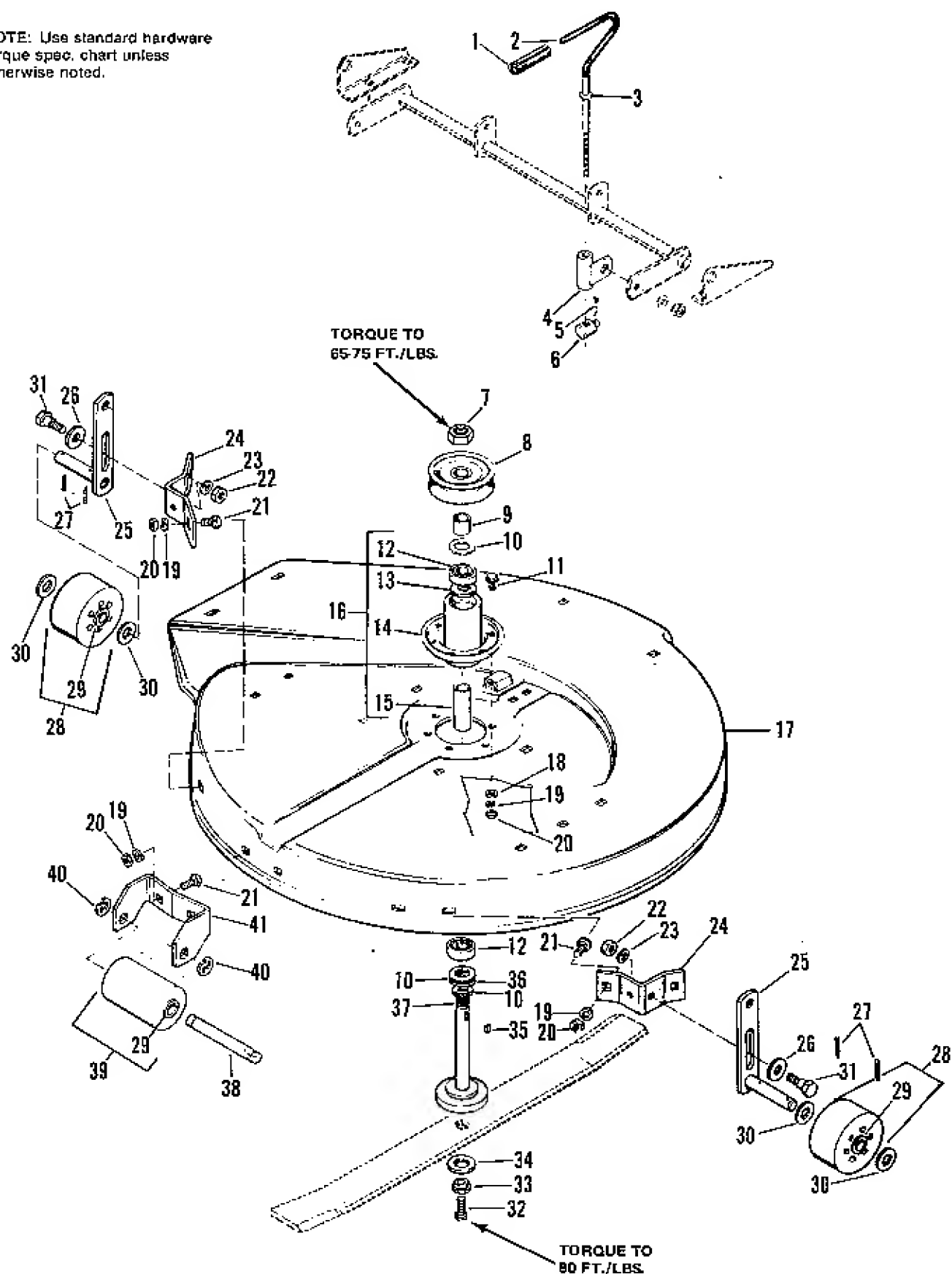
\*Used on Mfg. No. 990963, 990998, 991000, 991020.

\*\*Used on Mfg. No. 1690012, 1690128.

\*\*\*Used on Mfg. No. 991020, 1690128.

\*\*\*\*Used on Mfg. No. 990963, 990998, 991000, 1690012.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

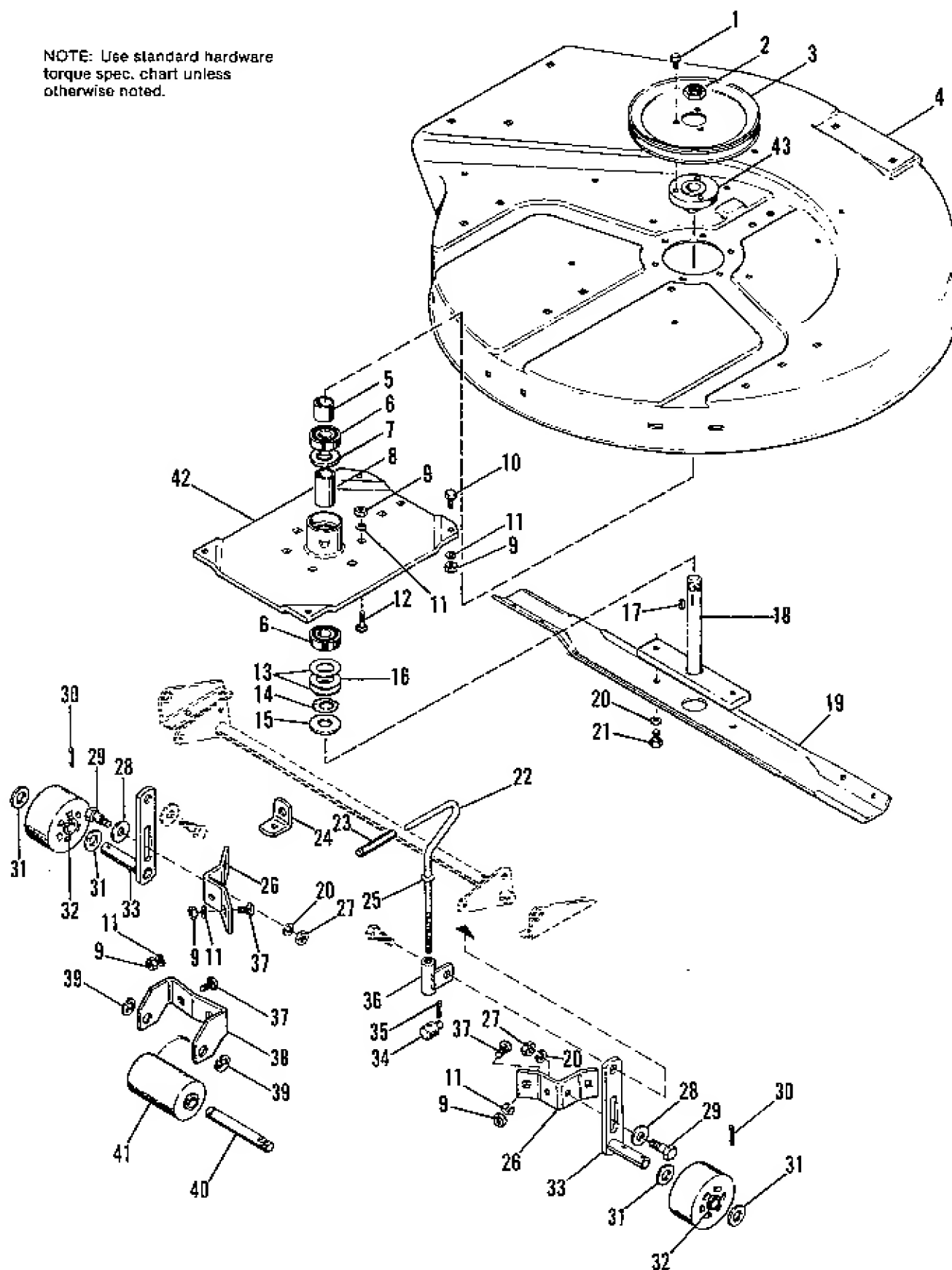


| Ref.<br>No. | Part<br>No. | Qty. | Description                      |
|-------------|-------------|------|----------------------------------|
| 1           | 176985      | 1    | GRIP                             |
| 2           | 176775      | 1    | HANDLE, Adjusting                |
| 3           | 924940      | 1    | WASHER, Plain, 3/8               |
| 4           | 176777      | 1    | GUIDE ASSY., Rod                 |
| 5           | 918448      | 1    | PIN, Cotter, 3/32 x 1            |
| 6           | 108172      | 1    | PIVOT                            |
| 7           | 922133      | 1    | LOCKNUT, Hex, 3/4-16             |
| 8           | 174910      | 1    | PULLEY                           |
| 9           | 1653481     | 1    | SPACER                           |
| 10          | 108472      | 3    | WASHER                           |
| 11          | 921332      | 6    | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| 12          | 108202      | 2    | BEARING, Ball                    |
| 13          | 108134      | 1    | RING, Backing                    |
| **14        | 103268      | 1    | ARBOR & TUBE ASSY.               |
| 15          | 1602265     | 1    | SPACER                           |
| 16          | 1655073     | 1    | TUBE ASSY., W/Bearings           |
| 17          | 1602181     | 1    | HOUSING, 26"                     |
| 18          | 917642      | 6    | WASHER, Plain, 5/16              |
| 19          | 917356      | 12   | LOCKWASHER, 5/16                 |
| 20          | 917372      | 12   | NUT, Hex, Full, 5/16-18          |
| 21          | 918413      | 6    | BOLT, Carriage, 5/16-18 x 5/8    |
| 22          | 916850      | 2    | NUT, Hex, Full, 3/8-16           |
| 23          | 916865      | 2    | LOCKWASHER, 3/8                  |
| 24          | 1602211     | 2    | BRACKET, Roller                  |
| 25          | 1607603     | 2    | SHAFT ASSY., Roller              |
| 26          | 918430      | 2    | WASHER, Plain, 7/16              |
| 27          | 918458      | 4    | PIN, Cotter, 3/16 x 1            |
| 28          | 1655098     | 2    | ROLLER ASSY.                     |
| 29          | 108419      | 6    | BUSHING                          |
| 30          | 919387      | 4    | WASHER, Plain, 5/8               |
| 31          | 172822      | 2    | BOLT, Shoulder                   |
| 32          | 1605933     | 1    | CAPSCREW, Hex Hd., 1/2-20 x 1/2  |
| 33          | 1605745     | 1    | WASHER, Shoulder                 |
| 34          | 1605746     | 1    | WASHER, Belleville               |
| 35          | 918312      | 1    | KEY, Woodruff, #61               |
| 36          | 108257      | 1    | WASHER                           |
| 37          | 174803      | 1    | ARBOR ASSY.                      |
| 38          | 1603205     | 1    | SHAFT, Center Roller             |
| 39          | 108431      | 1    | ROLLER ASSY.                     |
| 40          | 1602155     | 2    | RING, Retaining                  |
| 41          | 1603204     | 1    | BRACKET, Center Roller           |
| *42         | 1655071     | 1    | ARBOR & HOUSING ASSY.            |

\*Ref. No. 42 includes Ref. Nos. 12-16, 18-20.

\*\*Ref. No. 14 includes Ref. Nos. 8, 10, 15 &amp; 37.

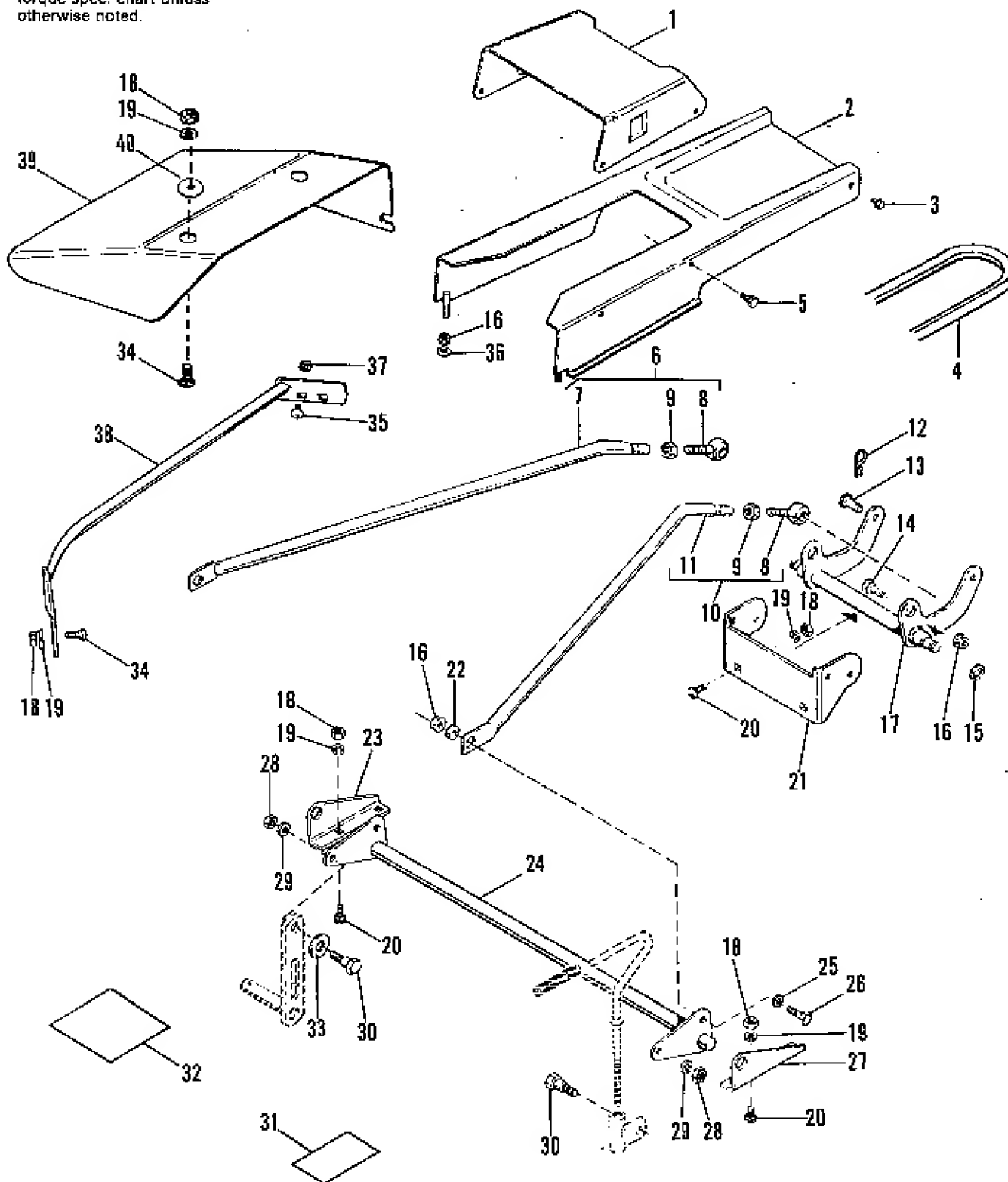
NOTE: Use standard hardware torque spec. chart unless otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                    |
|-------------|-------------|------|--------------------------------|
| 1           | 177932      | 3    | SCREW, Thd. Forming            |
| 2           | 922133      | 1    | LOCKNUT, Hex, 3/4-16           |
| 3           | 1608959     | 1    | PULLEY, Mower                  |
| 4           | 1608351     | 1    | HOUSING, 30" Mower             |
| 5           | 1651295     | 1    | SPACER                         |
| 6           | 108202      | 2    | BEARING, Ball                  |
| 7           | 108134      | 1    | RING, Backing                  |
| 8           | 176984      | 1    | SPACER                         |
| 9           | 917372      | 14   | NUT, Hex, Full, 5/16-18        |
| 10          | 921333      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 11          | 917356      | 14   | LOCKWASHER, 5/16               |
| 12          | 921158      | 6    | BOLT, Carriage, 5/16-18 x 1    |
| 13          | 108472      | 2    | WASHER                         |
| 14          | 108181      | 1    | WASHER                         |
| 15          | 108182      | 1    | WASHER                         |
| 16          | 108257      | 1    | WASHER                         |
| 17          | 918312      | 1    | KEY, Woodruff, #61             |
| 18          | 1651293     | 1    | ARBOR ASSY.                    |
| 19          | 1651297     | 1    | BLADE, 30"                     |
| 20          | 916965      | 4    | LOCKWASHER, 3/8                |
| 21          | 923490      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1  |
| 22          | 176775      | 1    | HANDLE, Adjusting              |
| 23          | 176985      | 1    | GRIP, Handle                   |
| 24          | 1602446     | 2    | CLIP                           |
| 25          | 924940      | 1    | WASHER, Plain, 3/8             |
| 26          | 1602211     | 2    | BRACKET, Roller Support        |
| 27          | 916950      | 2    | NUT, Hex, Full, 3/8-16         |
| 28          | 918430      | 2    | WASHER, Plain, 7/16            |
| 29          | 172622      | 2    | BOLT, Shoulder                 |
| 30          | 918458      | 4    | PIN, Cotter, 3/16 x 1          |
| 31          | 919387      | 4    | WASHER, Plain, 5/8             |
| 32          | 1655098     | 2    | ROLLER ASSY.                   |
| 33          | 1607603     | 2    | SHAFT ASSY., Roller            |
| 34          | 108172      | 1    | PIVOT                          |
| 35          | 918448      | 1    | PIN, Cotter, 3/32 x 1          |
| 36          | 176777      | 1    | GUIDE ASSY., Rod               |
| 37          | 930665      | 6    | BOLT, Carriage, 5/16-18 x 5/8  |
| 38          | 1603204     | 1    | BRACKET, Center Roller         |
| 39          | 1602155     | 2    | RING, Retaining                |
| 40          | 1603205     | 1    | SHAFT, Center Roller           |
| 41          | 108431      | 1    | ROLLER ASSY.                   |
| 42          | 1651298     | 1    | TUBE ASSY., Arbor              |
| 43          | 1651404     | 1    | HUB, Pulley                    |

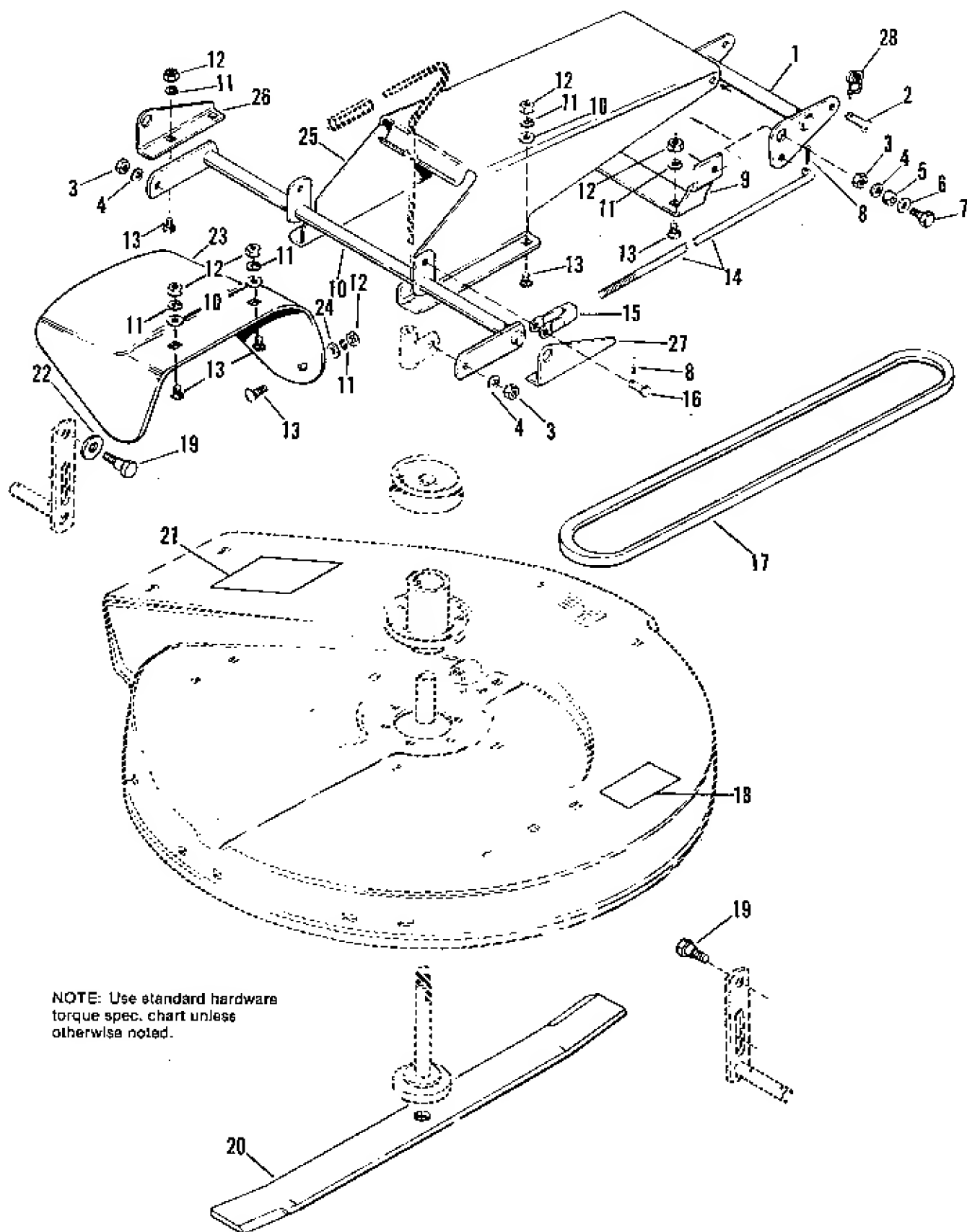
NOTE: For service of mower arbor order Kit No. 1685006.

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.





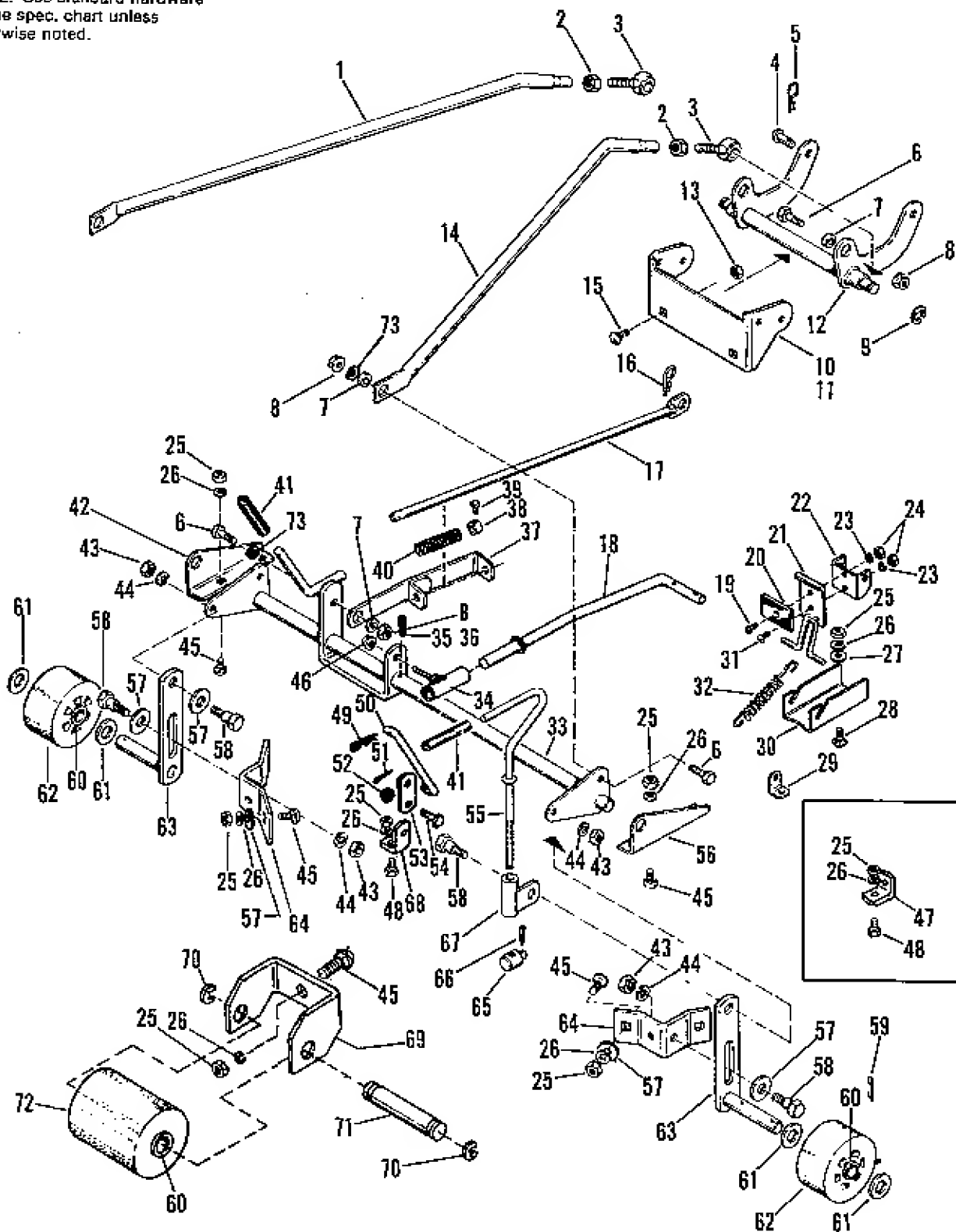
| Ref.<br>No. | Part<br>No. | Qty. | Description                                   |
|-------------|-------------|------|---|
| 1           | 176791      | 1    | COVER, Upper                                  |
| 2           | 1609032     | 1    | COVER ASSY., Lower                            |
| 3           | 928730      | 2    | SCREW, Hex, Washer Hd., Taptite, 3/8-16 x 1/2 |
| 4           | 1609957     | 1    | BELT, V                                       |
| 5           | 929000      | 2    | SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8 |
| 6           | 1652861     | 1    | ARM ASSY., Adjusting, R.H.                    |
| 7           | 176736      | 1    | ARM, Adjusting, R.H.                          |
| 8           | 157215      | 2    | EYEBOLT                                       |
| 9           | 919262      | 2    | LOCKNUT, Jam, 1/2-20                          |
| 10          | 1652862     | 1    | ARM ASSY., Adjusting, L.H.                    |
| 11          | 175942      | 1    | ARM, Adjusting, L.H.                          |
| 12          | 106788      | 2    | SPRING, Clip                                  |
| 13          | 156306      | 2    | PIN   |
| 14          | 108711      | 2    | BOLT, Shoulder                                |
| 15          | 158399      | 2    | RING, Retaining                               |
| 16          | 930651      | 4    | LOCKNUT, Hex, 3/8-16                          |
| 17          | 1608947     | 1    | ARM ASSY., Link                               |
| 18          | 917372      | 10   | NUT, Hex, Full, 5/16-18                       |
| 19          | 917356      | 10   | LOCKWASHER, 5/16                              |
| 20          | 930685      | 6    | BOLT, Carriage, 5/16-18 x 5/8                 |
| 21          | 1608940     | 1    | BRACKET, Mower                                |
| 22          | 153081      | 2    | SPACER  |
| 23          | 176769      | 1    | BRACKET, Pivot, L.H.                          |
| 24          | 1608949     | 1    | ARM ASSY., Control                            |
| 25          | 917378      | 2    | WASHER, Plain, 3/8                            |
| 26          | 921210      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1                 |
| 27          | 176770      | 1    | BRACKET, Pivot, R.H.                          |
| 28          | 916950      | 2    | NUT, Hex, Full, 3/8-16                        |
| 29          | 916955      | 2    | LOCKWASHER, 3/8                               |
| 30          | 172622      | 2    | BOLT, Shoulder                                |
| 31          | 1656856     | 1    | DECAL, Danger                                 |
| 32          | 1656857     | 1    | DECAL, Danger                                 |
| 33          | 918430      | 1    | WASHER, Plain, 7/16                           |
| 34          | 920652      | 3    | BOLT, Carriage, 5/16-18 x 3/4                 |
| 35          | 923700      | 2    | BOLT, Carriage, 5/16-18 x 1/2                 |
| 36          | 917642      | 4    | WASHER, Plain, 5/16                           |
| 37          | 928698      | 2    | LOCKNUT, Jam, 5/16-18                         |
| 38          | 1608374     | 1    | GUARD ASSY., Stone                            |
| 39          | 1651492     | 1    | DEFLECTOR                                     |
| 40          | 8161199     | 2    | WASHER  |



NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Rel.<br>No. | Part<br>No. | Qty. | Description                   |
|-------------|-------------|------|-------------------------------|
| 1           | 176763      | 1    | BELLCRANK ASSY.               |
| 2           | 105249      | 2    | PIN                           |
| 3           | 916950      | 4    | NUT, Hex, Full, 3/8-16        |
| 4           | 916965      | 4    | LOCKWASHER, 3/8               |
| 5           | 153081      | 2    | SPACER                        |
| 6           | 917378      | 2    | WASHER, Plain, 3/8            |
| 7           | 921210      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1 |
| 8           | 918448      | 4    | PIN, Cotter, 3/32 x 1         |
| 9           | 176737      | 1    | BRACKET                       |
| 10          | 917642      | 3    | WASHER, Plain, 5/16           |
| 11          | 917356      | 13   | LOCKWASHER, 5/16              |
| 12          | 917372      | 13   | NUT, Hex, Full, 5/16-18       |
| 13          | 919413      | 13   | BOLT, Carriage, 5/16-18 x 5/8 |
| 14          | 176768      | 1    | ROD, Height Adjusting         |
| 15          | 108157      | 1    | CLEVIS, Adjusting             |
| 16          | 923087      | 2    | PIN, Yoke, 3/8                |
| 17          | 174911      | 1    | BELT, V                       |
| 18          | 1656856     | 1    | DECAL, Danger                 |
| 19          | 1602186     | 2    | BOLT, Shoulder                |
| 20          | 1607534     | 1    | BLADE, Mower                  |
| 21          | 1656857     | 1    | DECAL, Danger                 |
| 22          | 918430      | 2    | WASHER, Plain, 7/16           |
| 23          | 174820      | 1    | DEFLECTOR                     |
| 24          | 176765      | 1    | LEVER ASSY.                   |
| 25          | 176738      | 1    | COVER, Belt                   |
| 26          | 176769      | 1    | BRACKET, Pivot, L.H.          |
| 27          | 176770      | 1    | BRACKET, Pivot, R.H.          |
| 28          | 176012      | 2    | PIN, Safety                   |

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



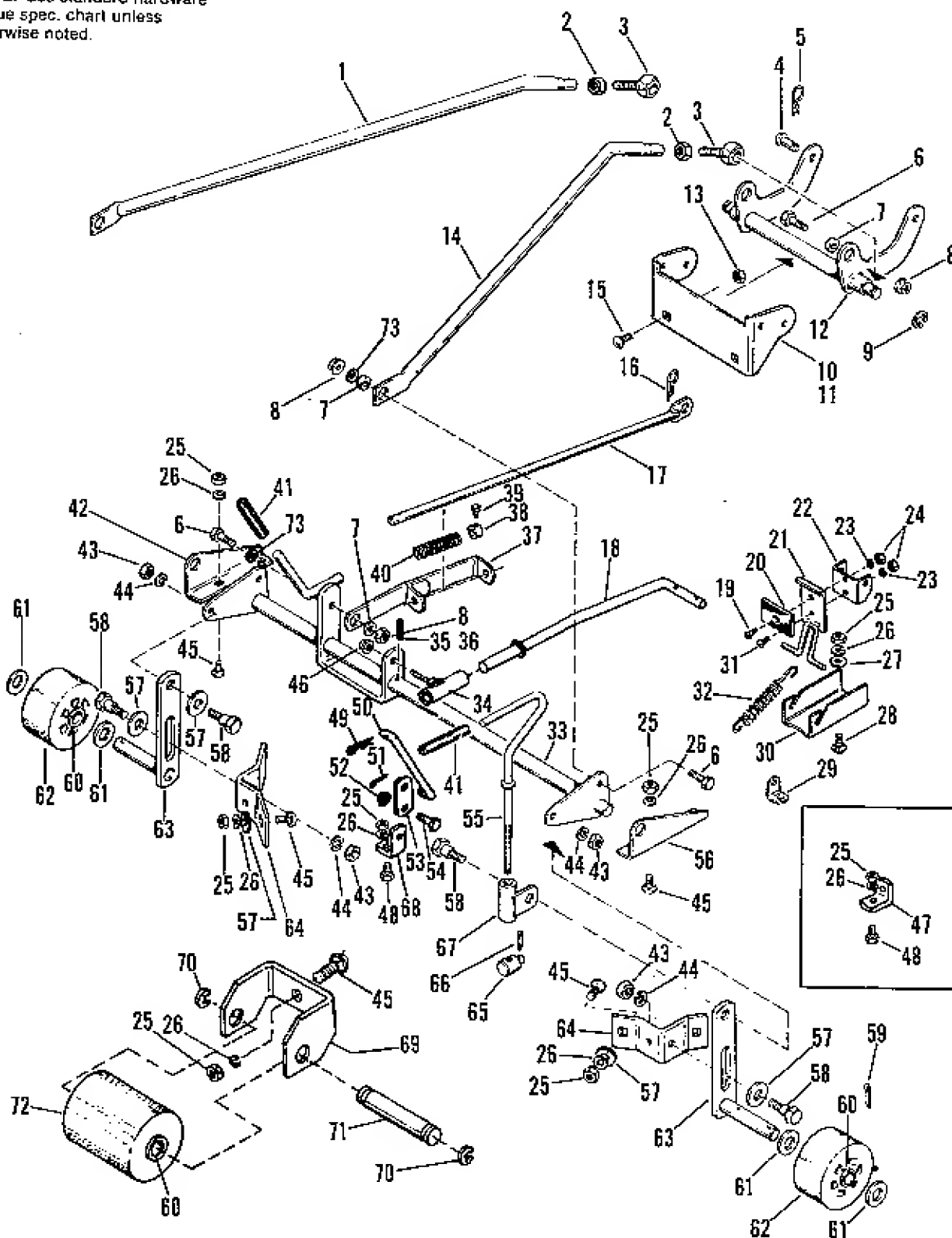
| Ref.<br>No. | Part<br>No. | Qty. | Description                          |
|-------------|-------------|------|--------------------------------------|
| 1           | 175942      | 1    | ARM, Adjusting, L.H.                 |
| 2           | 919262      | 2    | LOCKNUT, Jam, 1/2-20                 |
| 3           | 157215      | 2    | EYEBOLT                              |
| 4           | 156306      | 2    | PIN                                  |
| 5           | 106768      | 2    | CLIP, Spring                         |
| 6           | 921210      | 5    | CAPSCREW, Hex Hd., 3/8-16 x 1        |
| 7           | 153081      | 5    | SPACER                               |
| 8           | 930645      | 5    | NUT, Hex, Flange, 3/8-16             |
| 9           | 158399      | 2    | RING, Retaining                      |
| *10         | 176788      | 1    | BRACKET, Mower, Front                |
| **11        | 1608940     | 1    | BRACKET, Mower, Front                |
| 12          | 175935      | 1    | ARM ASSY., Rocker                    |
| 13          | 927557      | 2    | NUT, Hex, Flange, 5/16-18            |
| 14          | 176736      | 1    | ARM, Adjusting, R.H.                 |
| 15          | 930591      | 2    | SCREW, Hex, Whizlock, 5/16-18 x 3/4  |
| 16          | 918196      | 1    | CLIP, Spring                         |
| 17          | 176874      | 1    | ROD ASSY., Clutch                    |
| 18          | 178547      | 1    | ROD, Brake                           |
| 19          | 926267      | 1    | SCREW, Flat Hd., Mach., #10-24 x 1/2 |
| 20          | 1610590     | 1    | SHEAVE, Brake                        |
| 21          | 176783      | 1    | SUPPORT ASSY., Brake                 |
| 22          | 176785      | 1    | ANCHOR, Rod, Brake                   |
| 23          | 917365      | 2    | LOCKWASHER, #10                      |
| 24          | 916621      | 2    | NUT, Hex, Full, #10-24               |
| 25          | 917372      | 13   | NUT, Hex, Full, 5/16-18              |
| 26          | 917356      | 13   | LOCKWASHER, 5/16                     |
| 27          | 917842      | 2    | WASHER, Plain, 5/16                  |
| 28          | 921158      | 2    | BOLT, Carriage, 5/16-18 x 1          |
| 29          | 1602446     | 2    | ANCHOR, Spring                       |
| 30          | 1607989     | 1    | BRACKET, Pivot                       |
| 31          | 916080      | 1    | SCREW, Rd. Hd., Mach., #10-24 x 1/2  |
| 32          | 1602894     | 2    | SPRING                               |
| 33          | 175943      | 1    | ARM ASSY., Control                   |
| 34          | 178548      | 1    | GUIDE ASSY., Rod                     |
| **35        | 918111      | 2    | PIN, Roll, 1/8 x 1                   |
| *36         | 918453      | 2    | PIN, Cotter, 1/8 x 1-1/4             |

\*Used on Mfg. No. 990998 &amp; 991000

\*\*Used on Mfg. No. 1690012.

NOTE: Parts Ref. No. 37-73 are on following page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



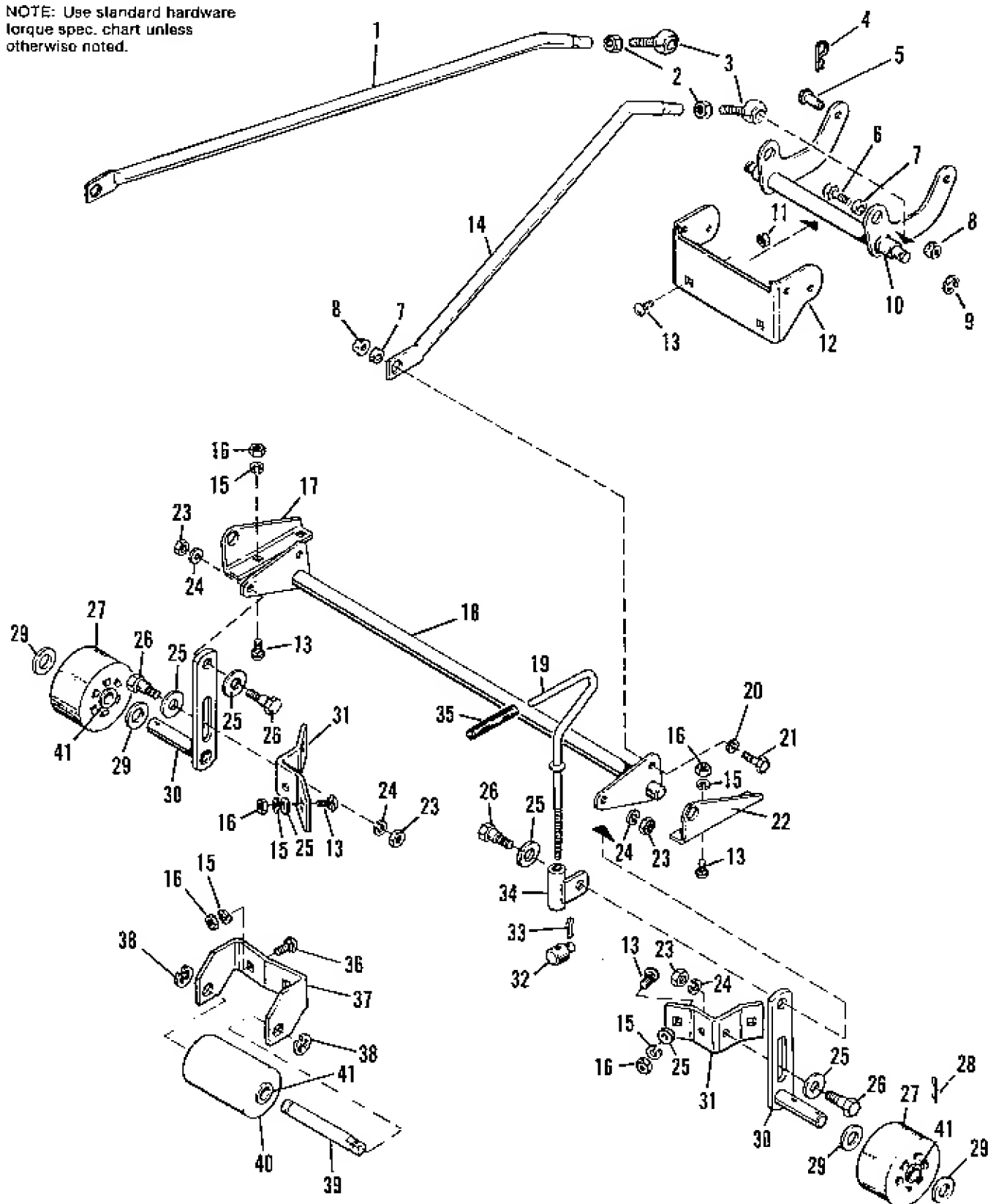
| Ref.<br>No. | Part<br>No. | Qty. | Description   |
|-------------|-------------|------|---|
| 37          | 176743      | 1    | GUIDE ASSY., Rod  |
| 38          | 105201      | 1    | COLLAR, Set   |
| 39          | 928804      | 1    | SETSCREW, 1/4-20 x 3/8                                    |
| 40          | 162065      | 1    | SPRING  |
| 41          | 176985      | 2    | GRIP, Handle  |
| 42          | 176769      | 1    | BRACKET, Pivot, L.H.                                      |
| 43          | 916950      | 4    | NUT, Hex, Full, 3/8-16                                    |
| 44          | 916965      | 4    | LOCKWASHER, 3/8   |
| 45          | 930685      | 10   | BOLT, Carriage, 5/16-18 x 5/8 (Qty. 8 on 990998 & 991000) |
| 46          | 930651      | 1    | LOCKNUT, Hex, 3/8-16                                      |
| *47         | 122052      | 1    | BRACKET   |
| 48          | 925205      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 5/8                          |
| **49        | 106787      | 1    | CLIP, Hair Pin  |
| **50        | 1650645     | 1    | ROD   |
| **51        | 922000      | 1    | PIN, Cotter, 3/32 x 5/8                                   |
| **52        | 923362      | 1    | LOCKNUT, Hex, 5/16-18                                     |
| **53        | 108199      | 1    | LINK  |
| **54        | 921332      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 3/4                          |
| 55          | 176775      | 1    | HANDLE  |
| 56          | 176770      | 1    | BRACKET, Pivot, R.H.                                      |
| 57          | 918430      | 6    | WASHER, Plain, 7/16                                       |
| 58          | 172622      | 4    | BOLT, Shoulder  |
| 59          | 918458      | 4    | PIN, Cotter, 3/16 x 1                                     |
| 60          | 108419      | 6    | BUSHING   |
| 61          | 919387      | 4    | WASHER, Plain, 5/8  |
| 62          | 1603206     | 2    | ROLLER ASSY.  |
| 63          | 1607603     | 2    | SUPPORT ASSY., Roller                                     |
| 64          | 1602211     | 2    | SUPPORT, Bracket, Roller                                  |
| 65          | 108172      | 1    | PIVOT   |
| 66          | 918448      | 1    | PIN, Cotter, 3/32 x 1                                     |
| 67          | 176777      | 1    | GUIDE ASSY., Rod  |
| 68          | 1650140     | 1    | BRACKET   |
| 69          | 1603204     | 1    | BRACKET, Center Roller                                    |
| 70          | 1602155     | 2    | RING, Snap  |
| 71          | 1603205     | 1    | SHAFT   |
| 72          | 108431      | 1    | ROLLER ASSY.  |
| **73        | 917378      | 5    | WASHER, Plain, 3/8  |

\*Used on Mfg. No. 990998 &amp; 991000.

\*\*Used on Mfg. No. 1690012.

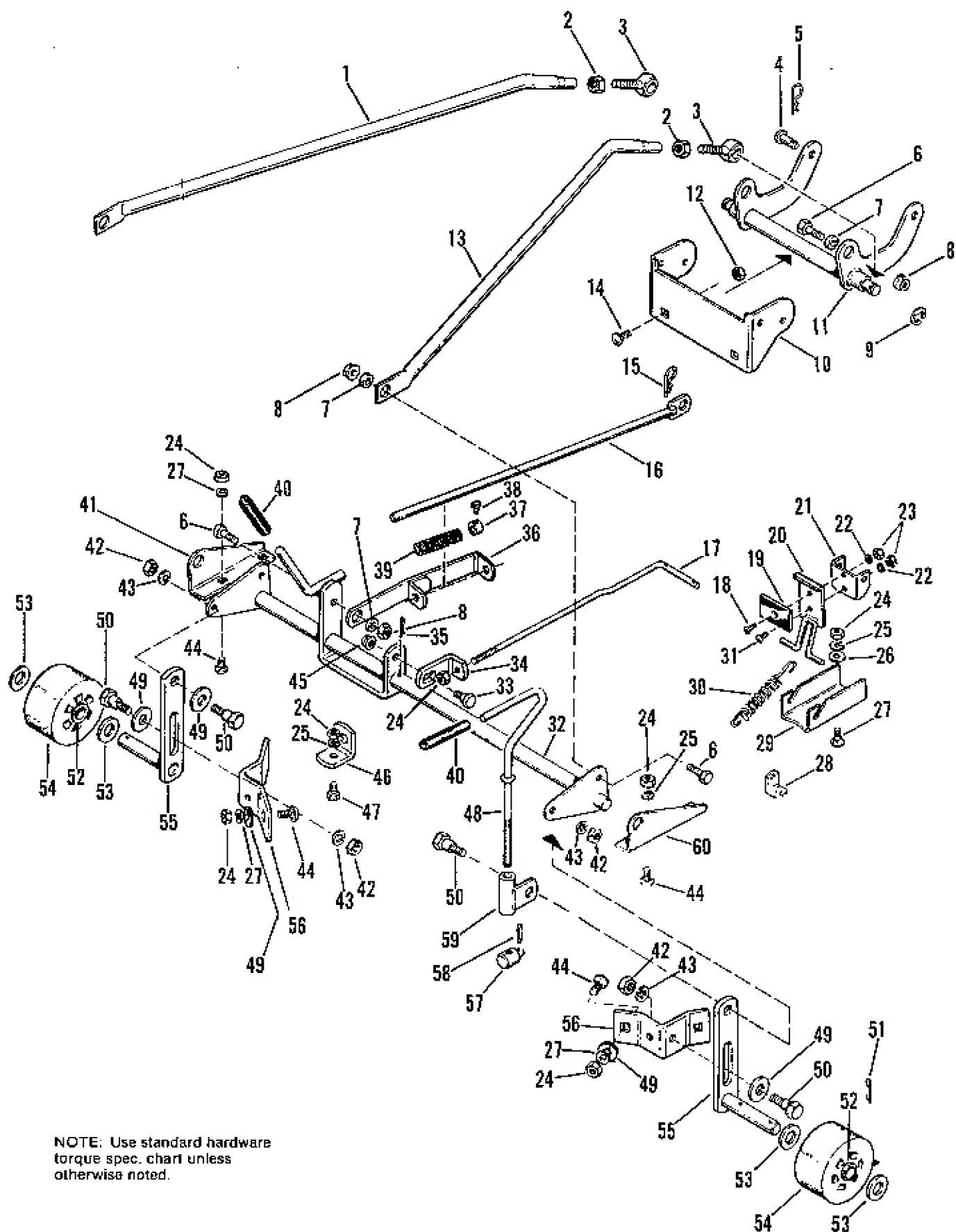
NOTE: Parts Ref. Nos. 1-36 are on preceding page.

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.



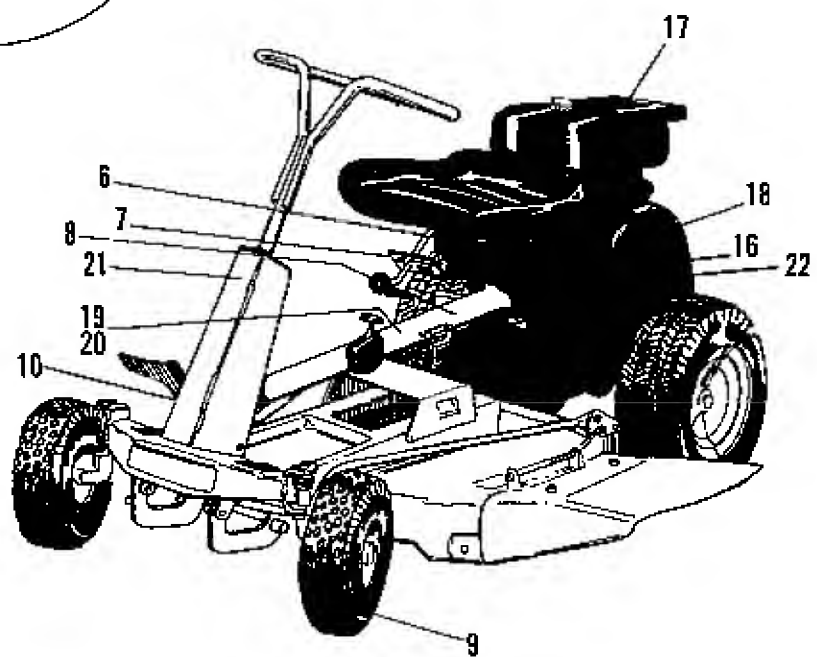
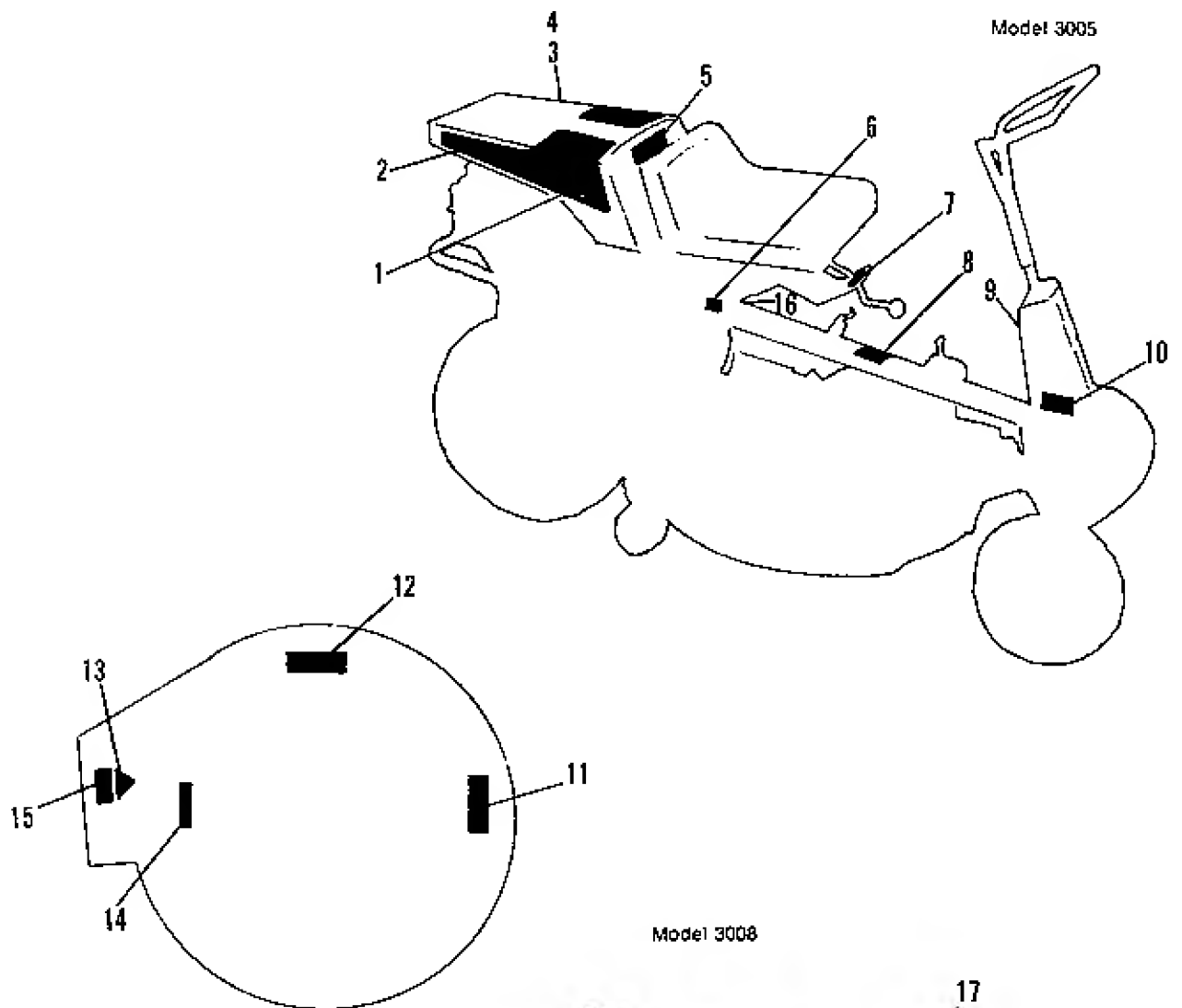


| Ref.<br>No. | Part<br>No. | Qty. | Description                                      |
|-------------|-------------|------|--|
| 1           | 175942      | 1    | ARM, Adjusting, L.H.                             |
| 2           | 919262      | 2    | LOCKNUT, Jam, 1/2-20                             |
| 3           | 157215      | 2    | EYEBOLT  |
| 4           | 106788      | 2    | CLIP, Hair Pin                                   |
| 5           | 156306      | 2    | PIN  |
| 6           | 106711      | 2    | BOLT, Shoulder                                   |
| 7           | 153081      | 4    | SPACER   |
| 8           | 930651      | 4    | LOCKNUT, Hex, 3/8-16                             |
| 9           | 158399      | 2    | RING, Retaining                                  |
| 10          | 1608947     | 1    | ARM ASSY., Link                                  |
| 11          | 927577      | 2    | NUT, Hex, Flange, 5/16-18                        |
| 12          | 1608940     | 1    | BRACKET, Front, Mower                            |
| 13          | 930685      | 10   | BOLT, Carriage, 5/16-18 x 5/8                    |
| 14          | 176736      | 1    | ARM, Adjusting, R.H.                             |
| 15          | 917356      | 12   | LOCKWASHER, 5/16 (Qty. 10 used on 991020)        |
| 16          | 917372      | 12   | NUT, Hex, Full, 5/16-18 (Qty. 10 used on 991020) |
| 17          | 176769      | 1    | BRACKET, Pivot, L.H.                             |
| 18          | 1608949     | 1    | ARM ASSY.  |
| 19          | 176775      | 1    | HANDLE   |
| 20          | 917378      | 4    | WASHER, Plain, 3/8                               |
| 21          | 921210      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1                    |
| 22          | 176770      | 1    | BRACKET, Pivot, R.H.                             |
| 23          | 916950      | 4    | NUT, Hex, Full, 3/8-16                           |
| 24          | 916965      | 4    | LOCKWASHER, 3/8                                  |
| 25          | 918430      | 6    | WASHER, Plain, 7/16                              |
| 26          | 172622      | 4    | BOLT, Shoulder                                   |
| 27          | 1655098     | 2    | ROLLER ASSY.                                     |
| 28          | 918458      | 4    | PIN, Cotter, 3/16 x 1                            |
| 29          | 919387      | 4    | WASHER, Plain, 5/8                               |
| 30          | 1607603     | 2    | SUPPORT ASSY., Roller                            |
| 31          | 1602211     | 2    | BRACKET, Support, Roller                         |
| 32          | 108172      | 1    | PIVOT  |
| 33          | 918448      | 1    | PIN, Cotter, 3/32 x 1                            |
| 34          | 176777      | 1    | GUIDE ASSY., Rod                                 |
| 35          | 176985      | 1    | GRIP   |
| 36          | 925562      | 2    | BOLT, Carriage, 5/16-18 x 3/4                    |
| 37          | 1603204     | 1    | BRACKET, Center, Roller                          |
| 38          | 1602155     | 2    | RING, Retaining                                  |
| 39          | 1603205     | 1    | SHAFT, Roller, Center                            |
| 40          | 108431      | 1    | ROLLER ASSY.                                     |
| 41          | 108419      | 6    | BUSHING  |



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                          |
|-------------|-------------|------|--------------------------------------|
| 1           | 175942      | 1    | ARM, Adjusting, L.H.                 |
| 2           | 919262      | 2    | LOCKNUT, Jam, 1/2-20                 |
| 3           | 157215      | 2    | EYEBOLT                              |
| 4           | 156306      | 2    | PIN                                  |
| 5           | 106788      | 2    | CLIP, Spring                         |
| 6           | 921210      | 5    | CAPSCREW, Hex Hd., 3/8-16 x 1        |
| 7           | 153081      | 4    | SPACER                               |
| 8           | 930645      | 5    | NUT, Hex, Flange, 3/8-16             |
| 9           | 158399      | 2    | RING, Retaining                      |
| 10          | 176788      | 1    | BRACKET, Mower, Front                |
| 11          | 175935      | 1    | ARM ASSY., Rocker                    |
| 12          | 927557      | 2    | NUT, Hex, Flange, 5/16-18            |
| 13          | 175736      | 1    | ARM, Adjusting, R.H.                 |
| 14          | 930591      | 2    | SCREW, Hex, Whitlock, 5/16-18 x 3/4  |
| 15          | 918196      | 1    | PIN, Quick                           |
| 16          | 176874      | 1    | ROD ASSY., Clutch                    |
| 17          | 176742      | 1    | ROD, Brake                           |
| 18          | 926267      | 1    | SCREW, Mach., Flat Hd., #10-24 x 1/2 |
| 19          | 1610590     | 1    | SHEAVE, Brake                        |
| 20          | 176783      | 1    | SUPPORT ASSY., Brake                 |
| 21          | 176785      | 1    | ANCHOR, Brake Rod                    |
| 22          | 917365      | 2    | LOCKWASHER, #10                      |
| 23          | 916621      | 2    | NUT, Hex, Full, #10-24               |
| 24          | 917372      | 12   | NUT, Hex, Full, 5/16-18              |
| 25          | 917356      | 10   | LOCKWASHER, 5/16                     |
| 26          | 917642      | 2    | WASHER, Plain, 5/16                  |
| 27          | 921158      | 2    | BOLT, Carriage, 5/16-18 x 1          |
| 28          | 1602446     | 2    | ANCHOR, Spring                       |
| 29          | 1607989     | 1    | BRACKET, Pivot                       |
| 30          | 1602694     | 2    | SPRING                               |
| 31          | 916080      | 1    | SCREW, Mach., Rd. Hd., #10-24 x 1/2  |
| 32          | 175943      | 1    | ARM ASSY., Control                   |
| 33          | 108711      | 1    | BOLT, Shoulder                       |
| 34          | 176739      | 1    | BRACKET, Brake Adjusting             |
| 35          | 918453      | 2    | PIN, Cotter, 1/8 x 1-1/4             |
| 36          | 176743      | 1    | GUIDE ASSY., Rod                     |
| 37          | 105201      | 1    | COLLAR, Set                          |
| 38          | 928804      | 1    | SETSCREW, 1/4-20 x 3/8               |
| 39          | 162065      | 1    | SPRING                               |
| 40          | 176985      | 2    | GRIP                                 |
| 41          | 176769      | 1    | BRACKET, Pivot, L.H.                 |
| 42          | 916950      | 4    | NUT, Hex, Full, 3/8-16               |
| 43          | 916965      | 4    | LOCKWASHER, 3/8                      |
| 44          | 930685      | 8    | BOLT, Carriage, 5/16-18 x 5/8        |
| 45          | 930651      | 1    | LOCKNUT, Hex, 3/8-16                 |
| 46          | 122052      | 1    | BRACKET                              |
| 47          | 925205      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 5/8     |
| 48          | 176775      | 1    | HANDLE                               |
| 49          | 918430      | 6    | WASHER, Plain, 7/16                  |
| 50          | 172622      | 4    | BOLT, Shoulder                       |
| 51          | 918458      | 4    | PIN, Cotter, 3/16 x 1                |
| 52          | 108419      | 4    | BUSHING                              |
| 53          | 919387      | 4    | WASHER, Plain, 5/8                   |
| 54          | 1603206     | 2    | ROLLER ASSY.                         |
| 55          | 1607603     | 2    | SUPPORT ASSY., Roller                |
| 56          | 1602211     | 2    | SUPPORT, Bracket, Roller             |
| 57          | 108172      | 1    | PIVOT                                |
| 58          | 918448      | 1    | PIN, Cotter, 3/32 x 1                |
| 59          | 176777      | 1    | GUIDE ASSY., Rod                     |
| 60          | 176770      | 1    | BRACKET, Pivot, R.H.                 |

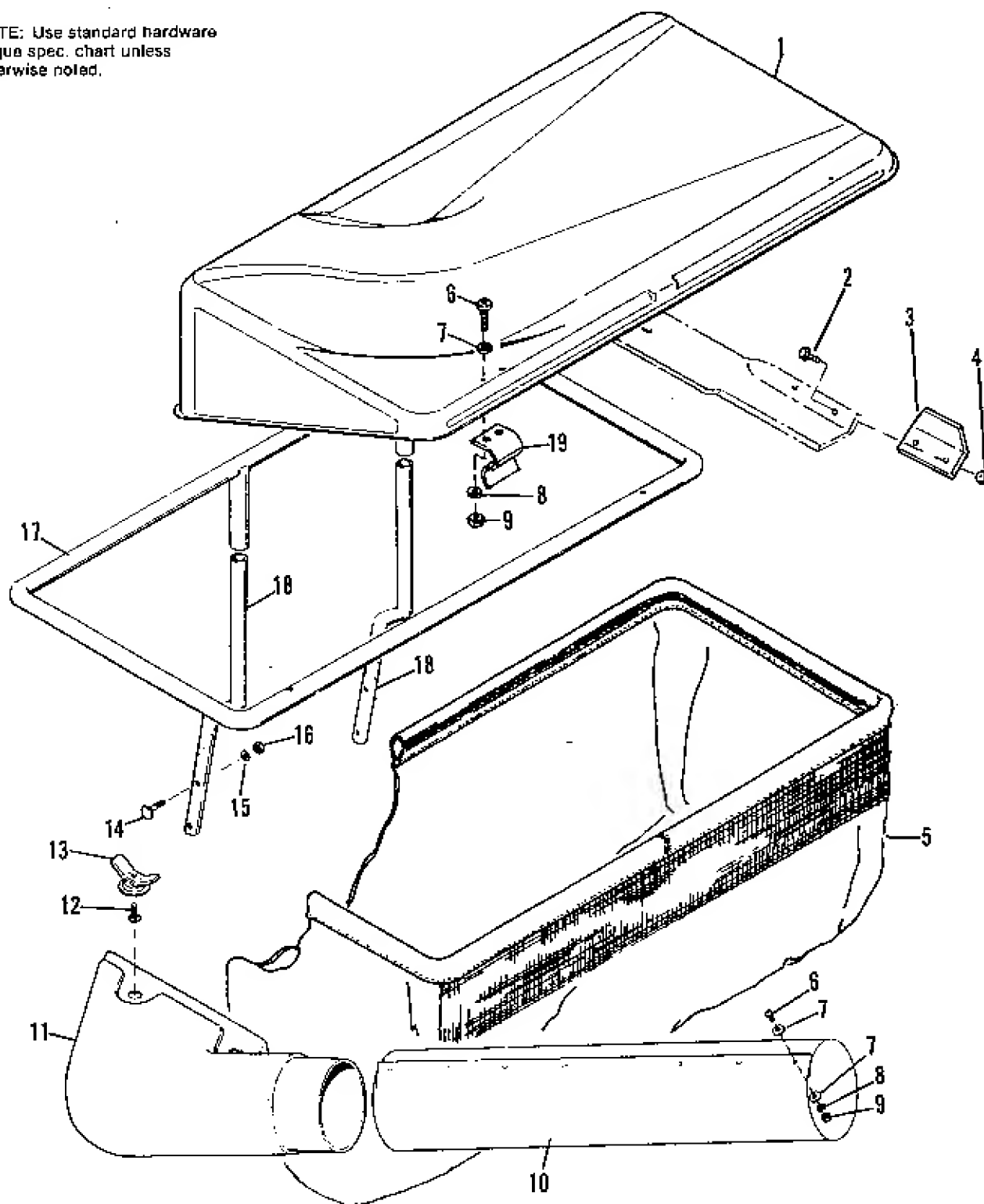


| Ref.<br>No. | Part<br>No. | Qty. | Description              |
|-------------|-------------|------|--------------------------|
| *1          | 1651926     | 1    | FILM, 3005, R.H.         |
| *2          | 1561927     | 1    | FILM, 3005, R.H. Insert  |
| *3          | 1651924     | 1    | FILM, 3005, L.H.         |
| *4          | 1651925     | 1    | FILM, 3005, R.H., Insert |
| *5          | 1609232     | 1    | DECAL, Safety            |
| 6           | 174886      | 1    | FILM, Switch             |
| 7           | 172989      | 1    | FILM, Shift Pattern      |
| 8           | 1609061     | 1    | FILM, Parking Brake      |
| 9           | 1607336     | 1    | FILM, Tire Inflation     |
| 10          | 174924      | 1    | FILM, Instruction, Pedal |
| 11          | 176720      | 1    | DECAL, Caution           |
| *12         | 1601919     | 1    | TRANSFER, Patent         |
| 13          |             | 1    | DECAL, OPEI              |
| 14          | 1608445     | 1    | DECAL, Safety            |
| 15          | 176719      | 1    | DECAL, Danger            |
| 16          | 158452      | 1    | FILM, Clutch             |
| **17        | 1609140     | 1    | FILM, Caution            |
| **18        | 1609232     | 1    | FILM, Safety             |
| **19        | 1651923     | 1    | FILM, 3008, Insert       |
| **20        | 1651922     | 1    | FILM, 3008               |
| **21        | 1651896     | 1    | DECAL, S                 |

\*Used on Mfg. No. 1690124 only.

\*\*Used on Mfg. No. 1690128 only.

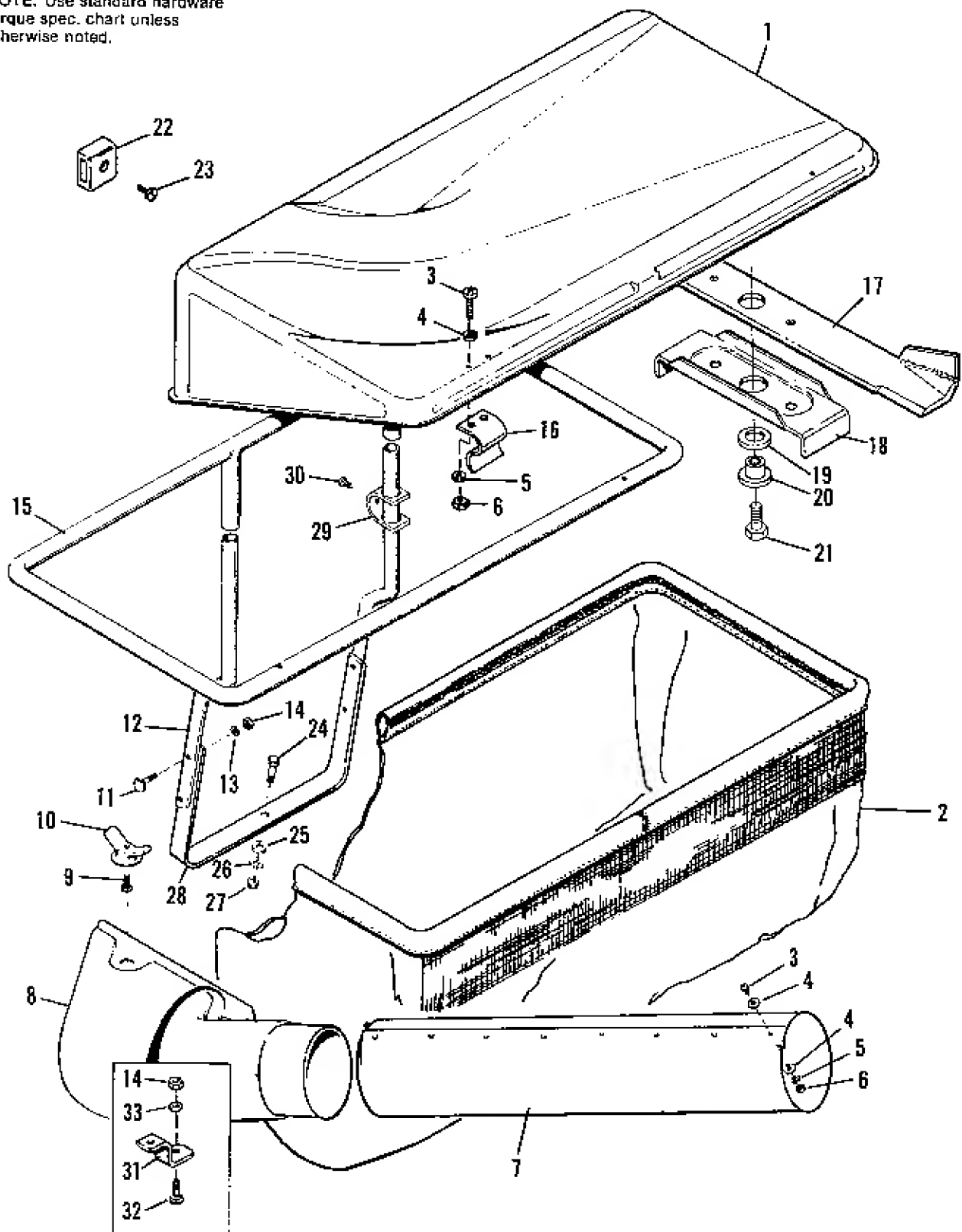
NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                       |
|-------------|-------------|------|-----------------------------------|
| 1           | 177019      | 1    | COVER                             |
| 2           | 925205      | 4    | CAPSCREW, Hex Hd., 5/16-18 x 5/8  |
| 3           | 177243      | 2    | PLATE, Lift                       |
| 4           | 923362      | 4    | LOCKNUT, Hex, 5/16-18             |
| 5           | 1655506     | 1    | BAG, Grass                        |
| 6           | 930531      | 17   | SCREW, Phillips Hd., #10-32 x 1/2 |
| 7           | 916955      | 26   | WASHER, Plain, 3/16               |
| 8           | 909055      | 17   | LOCKWASHER, #10                   |
| 9           | 917415      | 17   | NUT, Hex, Full, #10-32            |
| 10          | *177104     | 1    | TUBE, Discharge                   |
|             | 1650438     | 1    | TUBE, Discharge                   |
| 11          | 176871      | 1    | ADAPTOR                           |
| 12          | 920563      | 2    | BOLT, Carriage, 5/16-18 x 1       |
| 13          | 123103      | 2    | NUT ASSY.                         |
| 14          | 177249      | 4    | BOLT, Curved Hd.                  |
| 15          | 917356      | 4    | LOCKWASHER, 5/16                  |
| 16          | 917372      | 4    | NUT, Hex, Full, 5/16-18           |
| 17          | 178364      | 1    | SUPPORT ASSY.                     |
| 18          | 177096      | 2    | SUPPORT, Vertical                 |
| 19          | 178609      | 2    | CLIPS                             |

\*Used on Mfg. No. 990998 &amp; 991000 only.

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

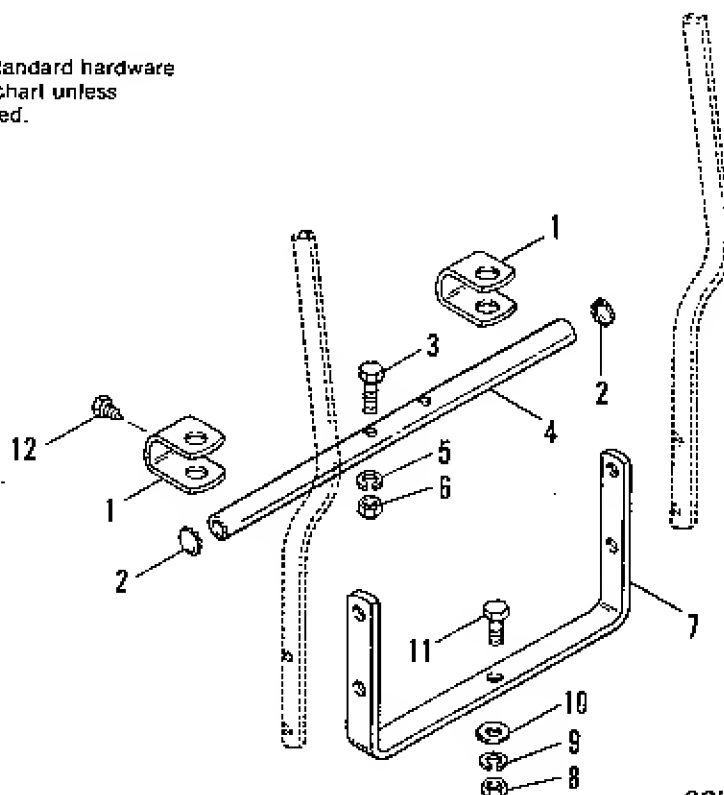




| Ref.<br>No. | Part<br>No. | Qty. | Description                                      |
|-------------|-------------|------|--|
| 1           | 177019      | 1    | COVER  |
| 2           | 1655506     | 1    | BAG, Grass                                       |
| 3           | 930531      | 16   | SCREW, Phillips Hd., #10-32 x 1/2                |
| 4           | 916955      | 24   | WASHER, Plain, 3/16                              |
| 5           | 909055      | 16   | LOCKWASHER, #10                                  |
| 6           | 917415      | 16   | NUT, Hex, Full, #10-32                           |
| 7           | 177104      | 1    | TUBE, Discharge                                  |
| 8           | 176871      | 1    | ADAPTOR  |
| 9           | 920563      | 2    | BOLT, Carriage, 5/16-18 x 1                      |
| 10          | 123103      | 2    | NUT ASSY.  |
| 11          | 177249      | 4    | BOLT, Curved Hd.                                 |
| 12          | 177096      | 2    | SUPPORT, Vertical                                |
| 13          | 917356      | 4    | LOCKWASHER, 5/16                                 |
| 14          | 917372      | 4    | NUT, Hex, Full, 5/16-18                          |
| 15          | 178364      | 1    | BRACKET, Support                                 |
| 16          | 178609      | 4    | CLIPS  |
| *17         | 177394      | 1    | BLADE ASSY.                                      |
| *18         | 177395      | 1    | STIFFENER, Blade                                 |
| *19         | 1605746     | 1    | WASHER, Belleville                               |
| *20         | 1605745     | 1    | WASHER, Shoulder                                 |
| *21         | 1605933     | 1    | CAPSCREW, Hex Hd., 1/2-20 x 1-1/2 L.H. Thd.      |
| *22         | 177497      | 1    | MUFFLER, Deflector                               |
| *23         | 177498      | 1    | SCREW  |
| *24         | 921210      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1                    |
| *25         | 917378      | 1    | WASHER, Plain, 3/8                               |
| *26         | 916965      | 1    | LOCKWASHER, 3/8                                  |
| *27         | 916950      | 1    | NUT, Hex, Full, 3/8-16                           |
| *28         | 177392      | 1    | BRACKET, Support                                 |
| *29         | 177391      | 2    | CLAMP  |
| *30         | 922123      | 2    | SCREW, Hex, Self Tapping, Taptite, 1/40-20 x 3/8 |
| *31         | 177389      | 1    | SUPPORT, Adaptor                                 |
| *32         | 930685      | 1    | BOLT, Carriage, 5/16-18 x 5/8                    |
| *33         | 917356      | 1    | LOCKWASHER, 5/16                                 |

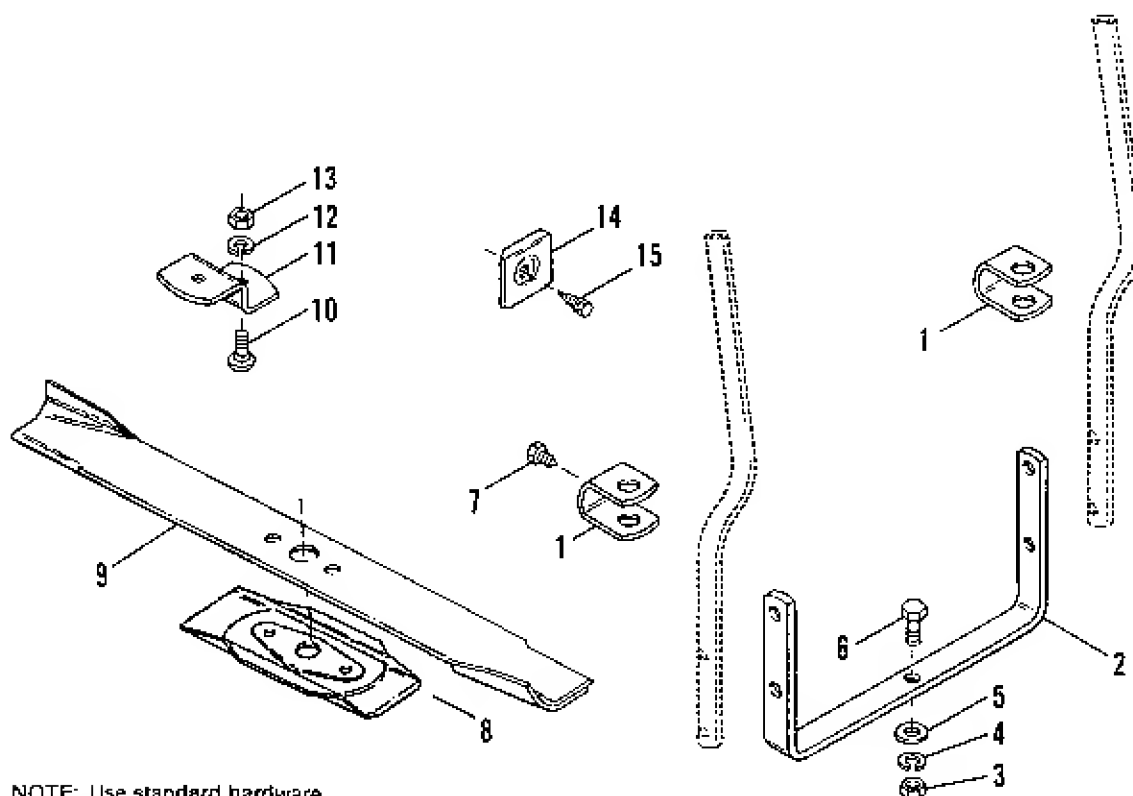
\*Refers to Adaptor Kit Mfg. No. 1600331 (see page 72 also).

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.



Group 981494

26" Grass Catcher Adaptor Kit



NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

## 30" Draw Bar &amp; Grass Catcher Adaptor Kit

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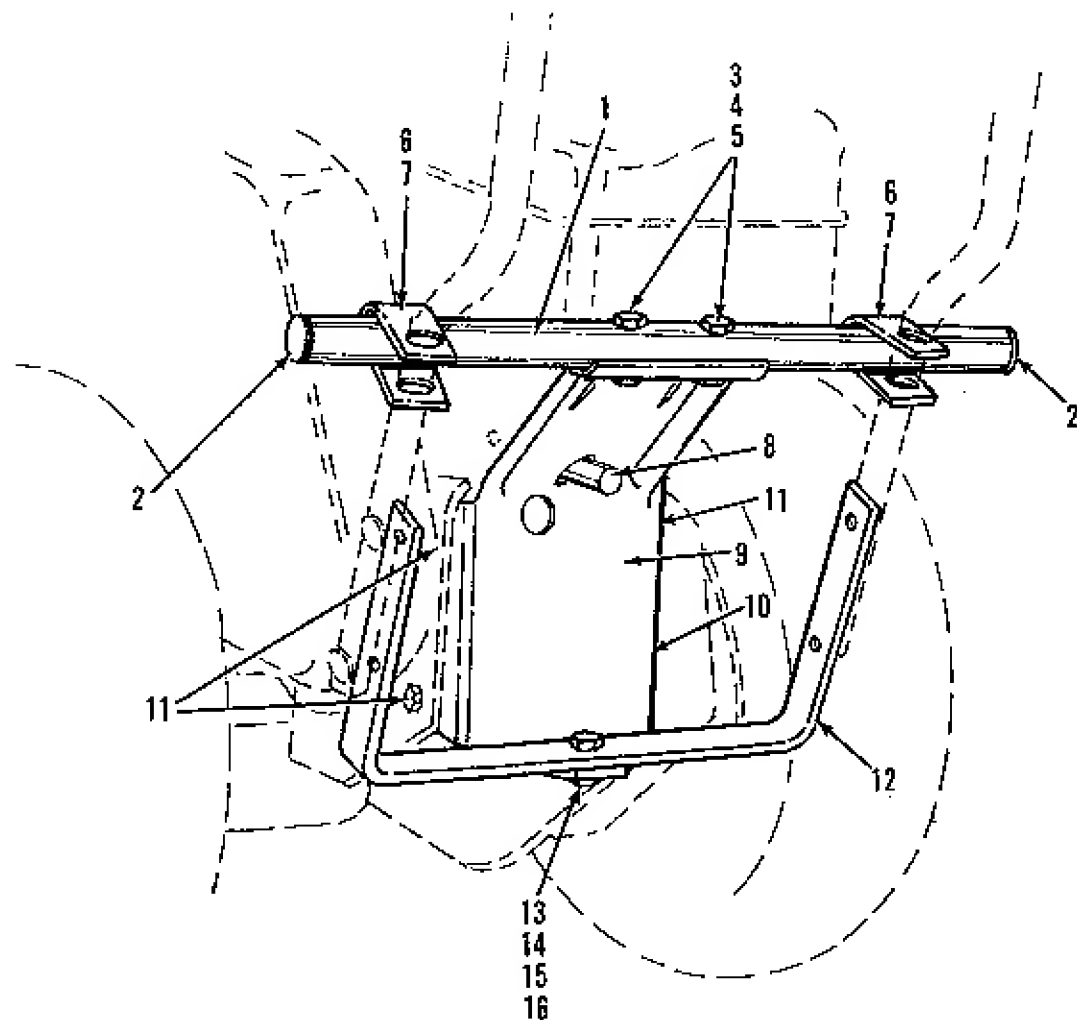
| Ref.<br>No. | Part<br>No. | Qty. | Description                                   |
|-------------|-------------|------|---|
| 1           | 177391      | 2    | CLAMP   |
| 2           | 1808835     | 2    | BUTTON, Plug                                  |
| 3           | 921221      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2            |
| 4           | 1611463     | 1    | TUBE, Rear                                    |
| 5           | 917356      | 2    | LOCKWASHER, 5/16                              |
| 6           | 917372      | 2    | NUT, Hex, Full, 5/16-18                       |
| 7           | 177392      | 1    | SUPPORT, Bracket                              |
| 8           | 916950      | 1    | NUT, Hex, Full, 3/8-16                        |
| 9           | 916965      | 1    | LOCKWASHER, 3/8                               |
| 10          | 917378      | 1    | WASHER, Plain, 3/8                            |
| 11          | 921210      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1                 |
| 12          | 927428      | 2    | SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8 |

## Mfg. No. 1600331, 1690240

## 26" Grass Catcher Adaptor Kit

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| Ref.<br>No. | Part<br>No. | Qty. | Description                                |
|-------------|-------------|------|--|
| 1           | 177391      | 2    | CLAMP                                      |
| 2           | 177392      | 1    | SUPPORT, Bracket                           |
| 3           | 916950      | 1    | NUT, Hex, Full, 3/8-16                     |
| 4           | 916965      | 1    | LOCKWASHER, 3/8                            |
| 5           | 917378      | 1    | WASHER, Plain, 3/8                         |
| 6           | 921210      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1              |
| 7           | 922123      | 2    | SCREW, Thd. Cutting, Rd. Hd., 1/4-20 x 3/8 |
| 8           | 177395      | 1    | STIFFENER, Blade                           |
| 9           | 177394      | 1    | BLADE ASSY.                                |
| 10          | 930885      | 1    | BOLT, Carriage, 5/16-18 x 5/8              |
| 11          | 177389      | 1    | SUPPORT, Adaptor                           |
| 12          | 917356      | 1    | LOCKWASHER, 5/16                           |
| 13          | 917372      | 1    | NUT, Hex, Full, 5/16-18                    |
| 14          | 177497      | 1    | DEFLECTOR, Muffler                         |
| 15          | 177498      | 1    | SCREW                                      |



NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                                    |
|-------------|-------------|------|--|
| 1           | 1608958     | 1    | TUBE, Rear                                     |
| 2           | 1608835     | 1    | BUTTON, Plug                                   |
| 3           | 921221      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2             |
| 4           | 917356      | 2    | LOCKWASHER, 5/16                               |
| 5           | 917372      | 2    | NUT, Hex, Full, 5/16-18                        |
| 6           | 177391      | 2    | CLAMP  |
| 7           | 927428      | 2    | SCREW, Taptite, 1/4-20 x 3/8                   |
| *8          | 901496      | 1    | NIPPLE, Pipe                                   |
| *9          | 1608938     | 1    | PLATE, Hitch                                   |
| *10         | 925003      | 1    | SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 1/2  |
| *11         | 924856      | 3    | SCREW, Hex, Washer Hd., Taptite, 5/16-18 x 1/2 |
| 12          | 177392      | 1    | BRACKET, Support                               |
| 13          | 921210      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1                  |
| 14          | 917378      | 1    | WASHER, Plain, 3/8                             |
| 15          | 916965      | 1    | LOCKWASHER, 3/8                                |
| 16          | 916950      | 1    | NUT, Hex, Full, 3/8-16                         |

\*Used on Mfg. No. 991020 only.

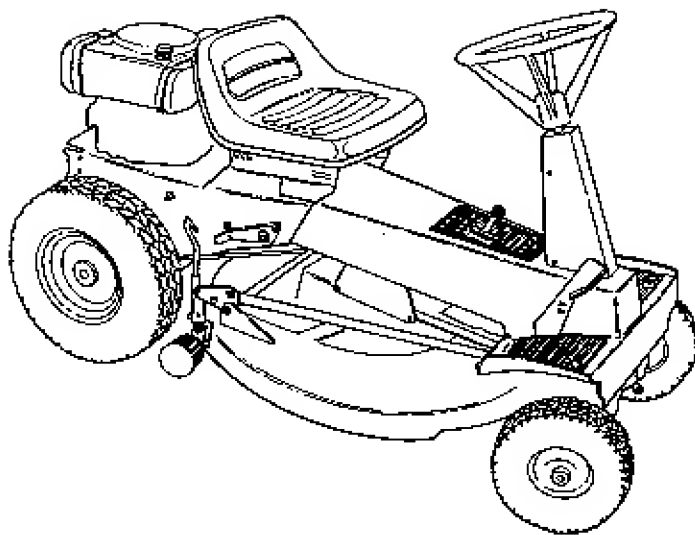


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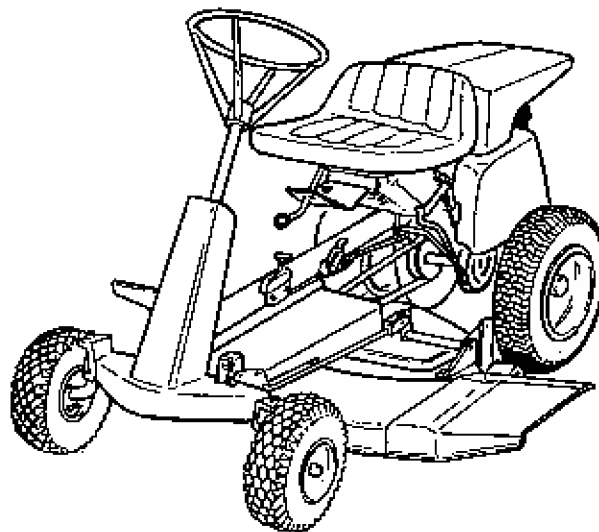
# PARTS MANUAL

## REAR ENGINE RIDERS

(Includes 1965 - 1979)



**VOLUME 2 OF 2**



**Attention Dealers:**

This manual contains parts information for Rear Engine Riders and Attachments from model year 1965 thru 1979. When referring to this parts manual keep in mind the manufacturing number and serial number of the product.

When using the Table of Contents refer to the combination manufacturing number in the far left column to assure finding the correct page number and grouping. All manufacturing numbers noted through the book will refer to the combination numbers. The manufacturing numbers of a particular rider or mower will be listed below the combination number on the table of contents page.

A standard hardware torque chart is included on the inside back cover of this manual. Any individual or special torque on later models will be called out near its particular part.

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Technical Publications

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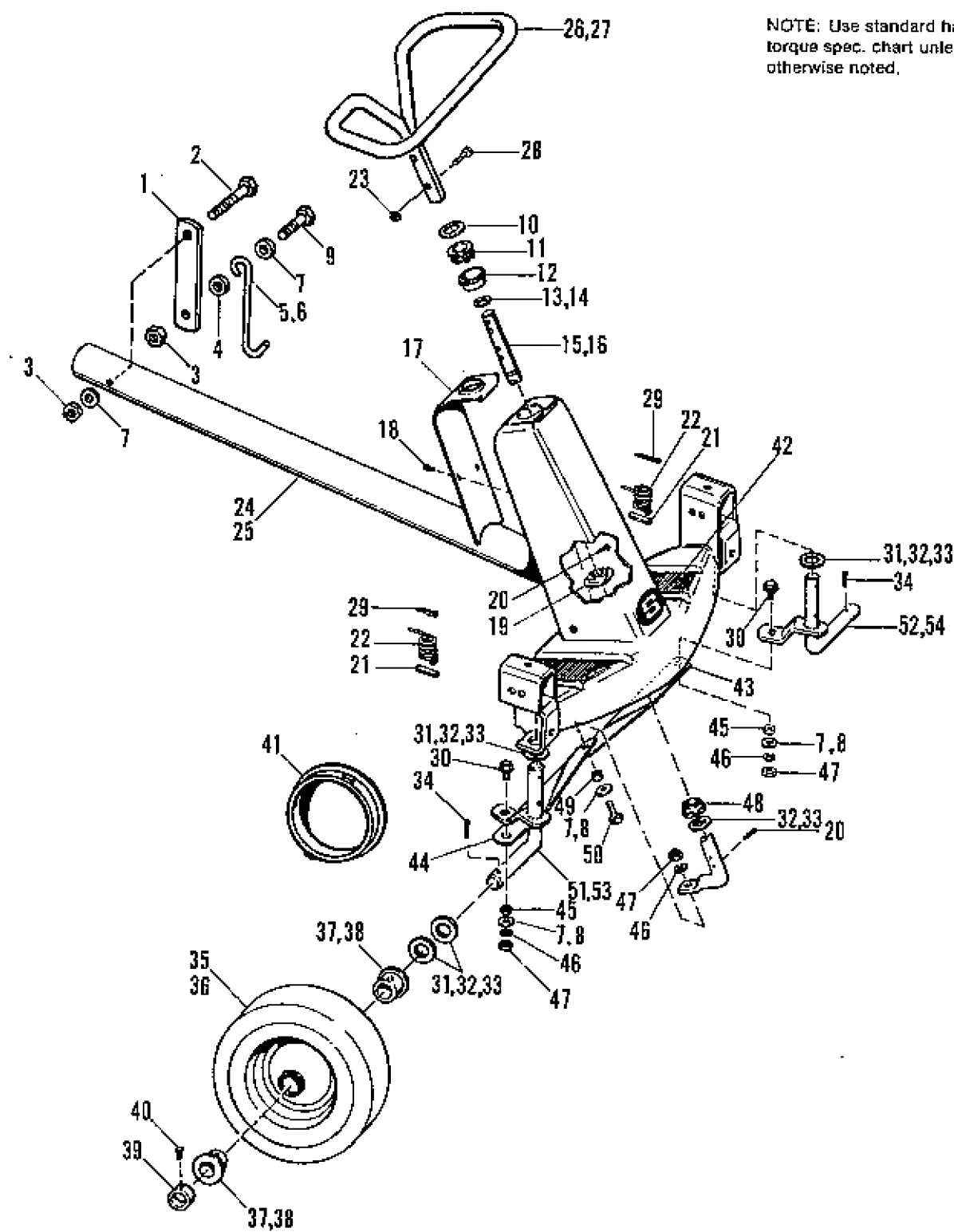


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|         |   | Front Frame & Steering Group | Transmission Group | Belt & Pulleys Group | Engine, Seat & Rear Wheels Group | Rear Wheels & Electric Group | Electrical Group | Manual Start Group | 12 Volt Starter Group | Front & Rear Wheels Group | Power Take Off Group | Mower Housing & Arbores Group | Films & Misc. Group | Leaf Mulchers Group | Rear Mounted Grass Catcher Group | Draw Bar & Adaptor Group |
|---------|---|------------------------------|--------------------|----------------------|----------------------------------|------------------------------|------------------|--------------------|-----------------------|---------------------------|----------------------|-------------------------------|---------------------|---------------------|----------------------------------|--------------------------|
| 1690242 | 3008 Wonderboy Rider w/30" Rotary Mower<br>1690246 3008 Wonderboy Rider<br>1690248 30" Rotary Mower             | 2                            | 6                  | 14                   | 22                               | 32                           |                  |                    |                       |                           | 52                   | 54                            |                     | 68                  | 72                               |                          |
| 1690240 | 3005 Wonderboy Rider w/26" Rotary Mower<br>1690243 3005 Wonderboy Rider<br>1690245 26" Rotary Mower             | 2                            | 6                  | 14                   | 24                               | 32                           |                  |                    |                       |                           | 50                   | 56                            |                     | 68                  | 72                               |                          |
| 1690128 | 3008 Grabber w/30" Rotary Mower<br>1690129 3008 Grabber<br>1600416 30" Rotary Mower                             | 2                            | 8                  | 14                   | 26                               |                              | 34               |                    |                       |                           | 48                   | 62                            | 66                  | 70                  | 74                               |                          |
| 1690124 | 3005 Wonderboy Rider w/26" Rotary Mower<br>1690127 3005 Wonderboy Rider<br>1600327 26" Rotary Mower             | 2                            | 8                  | 14                   | 28                               |                              | 34               | 42                 |                       |                           | 46                   | 66                            |                     | 70                  |                                  |                          |
| 1690012 | 808 Wonderboy Rider w/30" Rotary Mower<br>1690002 808 Wonderboy Rider<br>1690081 30" Rotary Mower               | 4                            | 10                 | 18                   | 30                               |                              | 36               |                    | 42                    | 44                        | 48                   | 58                            |                     | 70                  |                                  |                          |
| 1600408 | 30" Grass Catcher Adaptor Kit   |                              |                    |                      |                                  |                              |                  |                    |                       |                           |                      |                               |                     |                     | 74                               |                          |
| 1600383 | 30" Grass Catcher   |                              |                    |                      |                                  |                              |                  |                    |                       |                           |                      |                               |                     | 70                  |                                  |                          |
| 1600331 | 26" Grass Catcher Adaptor Kit   |                              |                    |                      |                                  |                              |                  |                    |                       |                           |                      |                               |                     | 70                  |                                  |                          |
| 1600312 | 12 Volt Starter Kit   |                              |                    |                      |                                  |                              |                  | 42                 |                       |                           |                      |                               |                     |                     |                                  |                          |
| 991036  | Draw Bar & Grass Catcher Adaptor Kit  |                              |                    |                      |                                  |                              |                  |                    |                       |                           |                      |                               |                     |                     | 74                               |                          |
| 991030  | 30" Grass Catcher   |                              |                    |                      |                                  |                              |                  |                    |                       |                           |                      |                               |                     | 68                  |                                  |                          |
| 991020  | 8 H.P. Grabber w/30" Rotary Mower<br>991021 8 H.P. Grabber<br>1600416 30" Rotary Mower                          | 2                            | 8                  | 14                   | 26                               |                              |                  |                    |                       |                           | 48                   | 62                            |                     |                     | 74                               |                          |
| 991000  | 808 Wonderboy Rider w/30" Rotary Mower<br>990999 808 Wonderboy Rider, Manual<br>990894 30" Rotary Mower         | 4                            | 12                 | 20                   | 30                               |                              | 38               |                    | 42                    | 44                        | 48                   | 58                            |                     | 68                  |                                  |                          |
| 990998  | 808 Wonderboy Rider w/30" Rotary Mower<br>990997 808 Wonderboy Rider, Electric<br>990894 30" Rotary Mower       | 4                            | 12                 | 20                   | 30                               |                              | 38               |                    | 42                    | 44                        | 48                   | 58                            |                     | 68                  |                                  |                          |
| 990973  | 26" Grass Catcher Adaptor Kit   |                              |                    |                      |                                  |                              |                  |                    |                       |                           |                      |                               |                     |                     | 70                               |                          |
| 990963  | 8 H.P. Wonderboy Rider w/30" Rotary Mower<br>990964 8 H.P. Wonderboy Rider, Electric<br>990894 30" Rotary Mower | 4                            | 12                 | 20                   | 30                               |                              | 40               |                    | 42                    | 44                        | 48                   | 64                            |                     |                     |                                  |                          |
| 990943  | Rear Mounted Grass Catcher  |                              |                    |                      |                                  |                              |                  |                    |                       |                           |                      |                               |                     | 70                  |                                  |                          |
| 990912  | 12 Volt Starter Kit   |                              |                    |                      |                                  |                              |                  | 42                 |                       |                           |                      |                               |                     |                     |                                  |                          |
| 990900  | 325 Wonderboy Rider w/26" Rotary Mower<br>990927 325 Wonderboy Rider<br>1600327 26" Rotary Mower                | 2                            | 8                  | 14                   | 28                               |                              |                  | 42                 |                       |                           | 46                   |                               |                     | 70                  |                                  |                          |
| 990775  | 315 Wonderboy Rider w/26" Rotary Mower<br>990846 315 Wonderboy Rider, Electric<br>990847 26" Rotary Mower       | 2                            | 6                  | 14                   | 20                               |                              |                  |                    |                       |                           | 26                   |                               |                     |                     |                                  |                          |
| 990774  | 315 Wonderboy Rider w/26" Rotary Mower<br>990845 315 Wonderboy Rider, Manual<br>990847 26" Rotary Mower         | 2                            | 6                  | 14                   | 20                               |                              |                  |                    |                       |                           | 26                   |                               |                     |                     |                                  |                          |
| 990614  | 355 Wonderboy Rider w/28" Rotary Mower<br>990556 355 Wonderboy Rider<br>990557 28" Rotary Mower                 | 2                            | 6                  | 14                   | 20                               |                              |                  |                    |                       |                           | 28                   | 34                            | 40                  |                     |                                  |                          |
| 990554  | 305 Wonderboy Rider w/24" Rotary Mower<br>990493 305 Wonderboy Rider<br>990541 24" Rotary Mower                 | 2                            | 6                  | 14                   | 20                               |                              |                  |                    |                       |                           | 30                   | 38                            |                     |                     |                                  |                          |
| 990391  | 404 Wonderboy Rider w/24" Rotary Mower<br>990390 404 Wonderboy Rider<br>990358 24" Rotary Mower                 | 2                            | 10                 | 16                   | 20                               |                              |                  |                    |                       |                           | 30                   | 38                            | 40                  |                     |                                  |                          |
| 990357  | 401 Wonderboy Rider<br>990358 24" Rotary Mower  | 2                            | 10                 | 16                   | 20                               |                              |                  |                    |                       |                           | 30                   | 38                            | 40                  |                     |                                  |                          |
| 990332  | 606 Wonderboy Special<br>990333 32" Rotary Mower  | 4                            | 12                 | 18                   | 22                               | 24                           |                  |                    |                       |                           | 32                   | 36                            |                     |                     |                                  |                          |
| 990329  | 606 Wonderboy Special<br>990333 32" Rotary Mower  | 4                            | 12                 | 18                   | 22                               | 24                           |                  |                    |                       |                           | 32                   | 36                            |                     |                     |                                  |                          |

VOLUME ONE OF TWO

VOLUME TWO OF TWO



## Front Frame &amp; Steering Group

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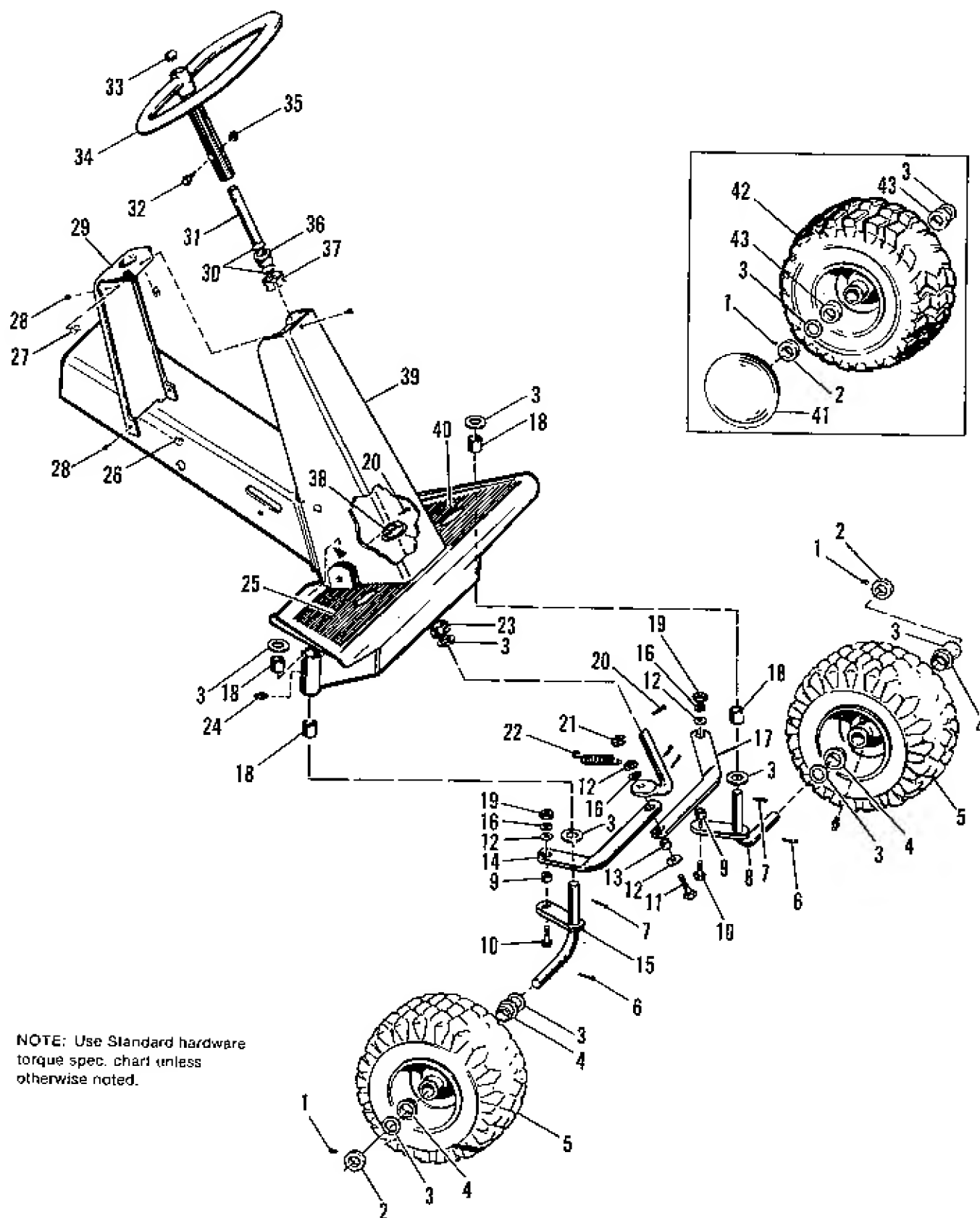
| Ref.<br>No. | Part<br>No. | Qty. | Description                              |
|-------------|-------------|------|--|
| 1           | 158613      | 1    | BRACKET (170184 for 990614 Only)         |
| 2           | 922118      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 3            |
| 3           | 930651      | 2    | LOCKNUT, Hex, 3/8-16                     |
| 4           | 159134      | 1    | WASHER, Plastic, 3/8                     |
| **5         | 158612      | 1    | LIFT                                     |
| ***6        | 174934      | 1    | LIFT                                     |
| *7          | 917378      | 5    | WASHER, Plain, 3/8                       |
| ****8       | 917378      | 3    | WASHER, Plain, 3/8                       |
| *9          | 921210      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1            |
| 10          | 158223      | 1    | WASHER                                   |
| 11          | 157077      | 1    | BUSHING, Steering                        |
| 12          | 158222      | 1    | CUP, Bushing, Steering                   |
| *13         | 154264      | 1    | RING, Retaining                          |
| ****14      | 157241      | 1    | RING, Snap                               |
| *15         | 158520      | 1    | SHAFT, Steering                          |
| ****16      | 158524      | 1    | SHAFT, Steering                          |
| 17          | 158215      | 1    | COVER, Steering Support                  |
| 18          | 923735      | 2    | SCREW, Self Tapping, #10 x 3/8           |
| 19          | 158012      | 1    | CUP, Steering Shaft                      |
| 20          | 919430      | 1    | PIN, Cotter, 5/32 x 1-1/4                |
| 21          | 915935      | 2    | PIN, Roll, 5/16 Dia. x 1-1/4             |
| 22          | 121011      | 2    | SPRING, Torsion                          |
| 23          | 923362      | 1    | LOCKNUT, Hex, 5/16-18                    |
| 24          | 158210      | 1    | FRAME & AXLE ASSY., Front                |
| ***25       | 174646      | 1    | FRAME & AXLE ASSY., Front                |
| *26         | 158574      | 1    | HANDLE ASSY., Steering                   |
| ****27      | 158220      | 1    | HANDLE ASSY., Steering                   |
| 28          | 921977      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4       |
| 29          | 918455      | 2    | PIN, Cotter, 5/32 x 1                    |
| 30          | 928728      | 2    | SCREW, Hex, Whizlock, Flange, 3/8-16 x 1 |
| *31         | 101022      | 6    | WASHER                                   |
| 32          | 108181      | 5    | WASHER, (Used On 990390)                 |
| 33          | 9061012     | 5    | WASHER (Used On 990357)                  |
| 34          | 919314      | 2    | PIN, Cotter, 3/16 x 1-1/4                |
| *35         | 1608379     | 2    | WHEEL & TIRE ASSY., Front                |
| ****36      | 158466      | 2    | WHEEL & TIRE ASSY., Front                |
| *37         | 156316      | 4    | BEARING, Relief (for service)            |
| ****38      | 121299      | 4    | BEARING, Relief (for service)            |
| 39          | 8021010     | 2    | COLLAR, Set                              |
| 40          | 928691      | 2    | SETSCREW, Cup Pt., 5/16-18 x 5/16        |
| **41        | 163114      | 2    | HUB CAP, Front (Kit No. 990615)          |
| 42          | 158428      | 1    | PAD, Foot, L.H. & R.H.                   |
| 43          | 158225      | 1    | LINK, Steering, L.H.                     |
| 44          | 158226      | 1    | LINK, Steering, R.H.                     |
| 45          | 153081      | 2    | SPACER                                   |
| 46          | 916965      | 3    | LOCKWASHER, 3/8                          |
| 47          | 916950      | 3    | NUT, Hex, Full, 3/8-16                   |
| 48          | 159026      | 1    | BUSHING                                  |
| 49          | 158227      | 1    | SPACER                                   |
| 50          | 921969      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2        |
| *51         | 158547      | 1    | SPINDLE ASSY., R.H.                      |
| *52         | 158545      | 1    | SPINDLE ASSY., L.H.                      |
| ****53      | 158219      | 1    | SPINDLE ASSY., R.H.                      |
| ****54      | 158216      | 1    | SPINDLE ASSY., L.H.                      |

\*Used on Mfg. No. 990554, 990614, 990774 &amp; 990775.

\*\*Used on Mfg. No. 990554 &amp; 990614.

\*\*\*Used on Mfg. No. 990774 &amp; 990775.

\*\*\*\*Used on Mfg. No. 990357 &amp; 990391.

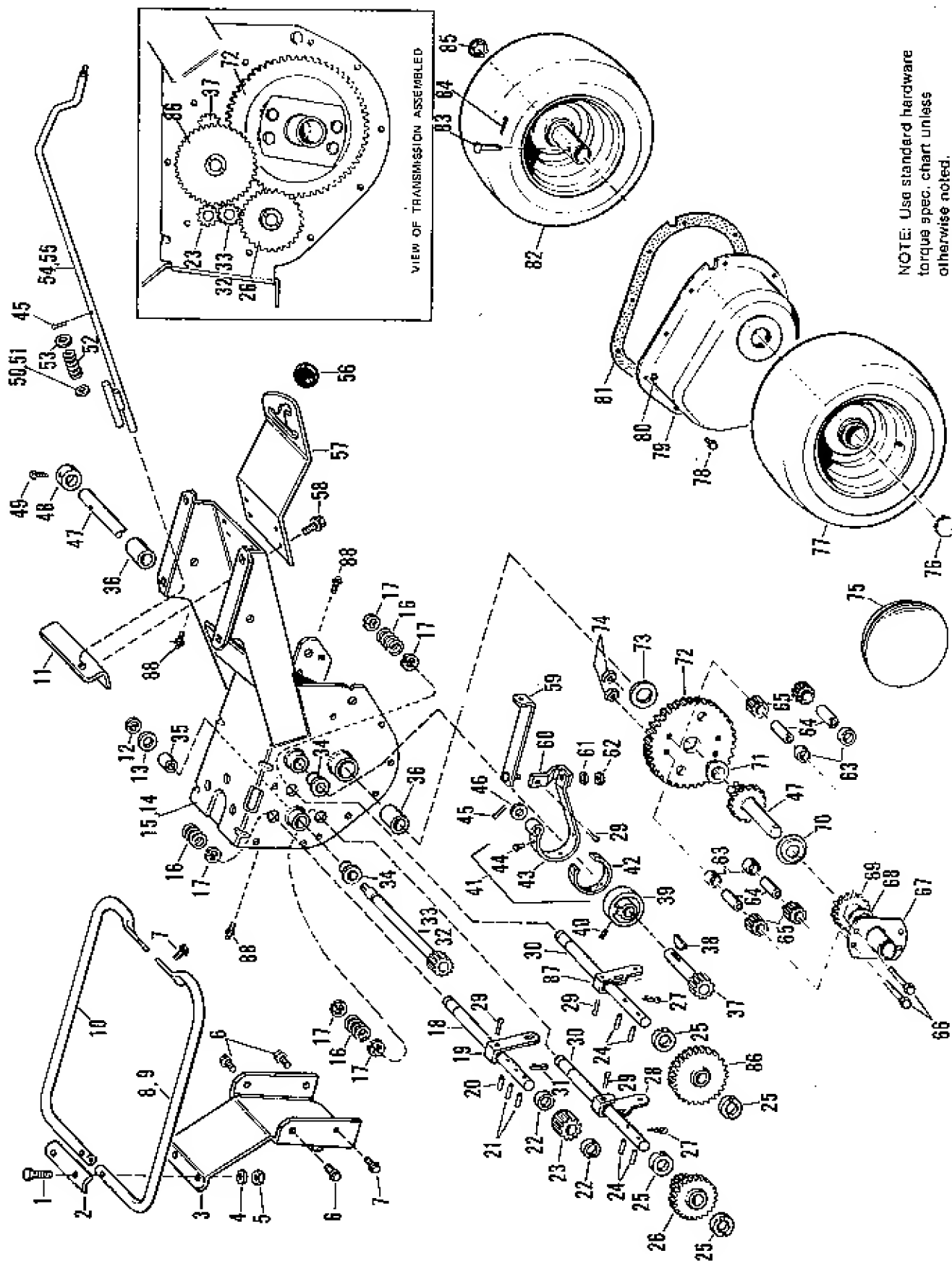


## Front Frame &amp; Steering Group

**Simplicity**

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| Ref.<br>No. | Part<br>No. | Qty. | Description                                  |
|-------------|-------------|------|--|
| 1           | 928691      | 2    | SETSCREW, Cup Pt., 5/16-18 x 5/16            |
| 2           | 8021010     | 2    | COLLAR, Set                                  |
| 3           | 108181      | 8    | WASHER                                       |
| 4           | 159139      | 4    | BEARING                                      |
| 5           | 1608379     | 2    | WHEEL & TIRE ASSY., Front                    |
| 6           | 919314      | 2    | PIN, Cotter, 3/16 x 1-1/4                    |
| 7           | 918455      | 2    | PIN, Cotter, 5/32 x 1                        |
| 8           | 159019      | 1    | SPINDLE ASSY., L.H.                          |
| 9           | 154177      | 2    | SPACER                                       |
| 10          | 928727      | 2    | SCREW, Hex, Whizlock, Flange, 3/8-16 x 1-1/4 |
| 11          | 923701      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 2                |
| 12          | 917378      | 4    | WASHER, Plain, 3/8                           |
| 13          | 159029      | 1    | SPACER                                       |
| 14          | 159028      | 1    | LINK, Steering, R.H.                         |
| 15          | 159021      | 1    | SPINDLE ASSY., R.H.                          |
| 16          | 916965      | 3    | LOCKWASHER, 3/8                              |
| 17          | 159027      | 1    | LINK, Steering, L.H.                         |
| 18          | 154289      | 4    | BUSHING                                      |
| 19          | 916950      | 2    | NUT, Hex, Full, 3/8-16                       |
| 20          | 919430      | 2    | PIN, Cotter, 5/32 x 1-1/4                    |
| 21          | 930651      | 1    | LOCKNUT, Hex, 3/8-16                         |
| 22          | 159159      | 1    | SPRING                                       |
| 23          | 159026      | 1    | BUSHING                                      |
| 24          | 912808      | 2    | FITTING, Grease, #1641                       |
| 25          | 159099      | 1    | PAD, Foot Rest, R.H.                         |
| 26          | 930657      | 1    | NUT, Speed                                   |
| 27          | 920299      | 1    | NUT, Speed                                   |
| 28          | 922122      | 3    | SCREW, Self Tapping, #10 x 1/2               |
| 29          | 159018      | 1    | COVER  |
| 30          | 157241      | 2    | RING, Snap                                   |
| 31          | 159025      | 1    | SHAFT, Steering                              |
| 32          | 921977      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4           |
| 33          | 156279      | 1    | BUTTON, Plug                                 |
| 34          | 158574      | 1    | HANDLE ASSY., Steering                       |
| 35          | 923362      | 1    | LOCKNUT, Hex, 5/16-18                        |
| 36          | 157077      | 1    | BUSHING                                      |
| 37          | 159024      | 1    | RETAINER, Steering Bushing                   |
| 38          | 158012      | 1    | CUP, Steering Shaft                          |
| 39          | 159001      | 1    | FRAME & AXLE ASSY., Front                    |
| 40          | 159098      | 1    | PAD, Foot Rest, L.H.                         |
| 41          | 159153      | 2    | CAP, Hub, Front Wheel                        |
| 42          | 159146      | 2    | WHEEL & TIRE ASSY., Front                    |
| 43          | 159151      | 2    | BEARING                                      |



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

## Transmission &amp; Rear Wheels Group

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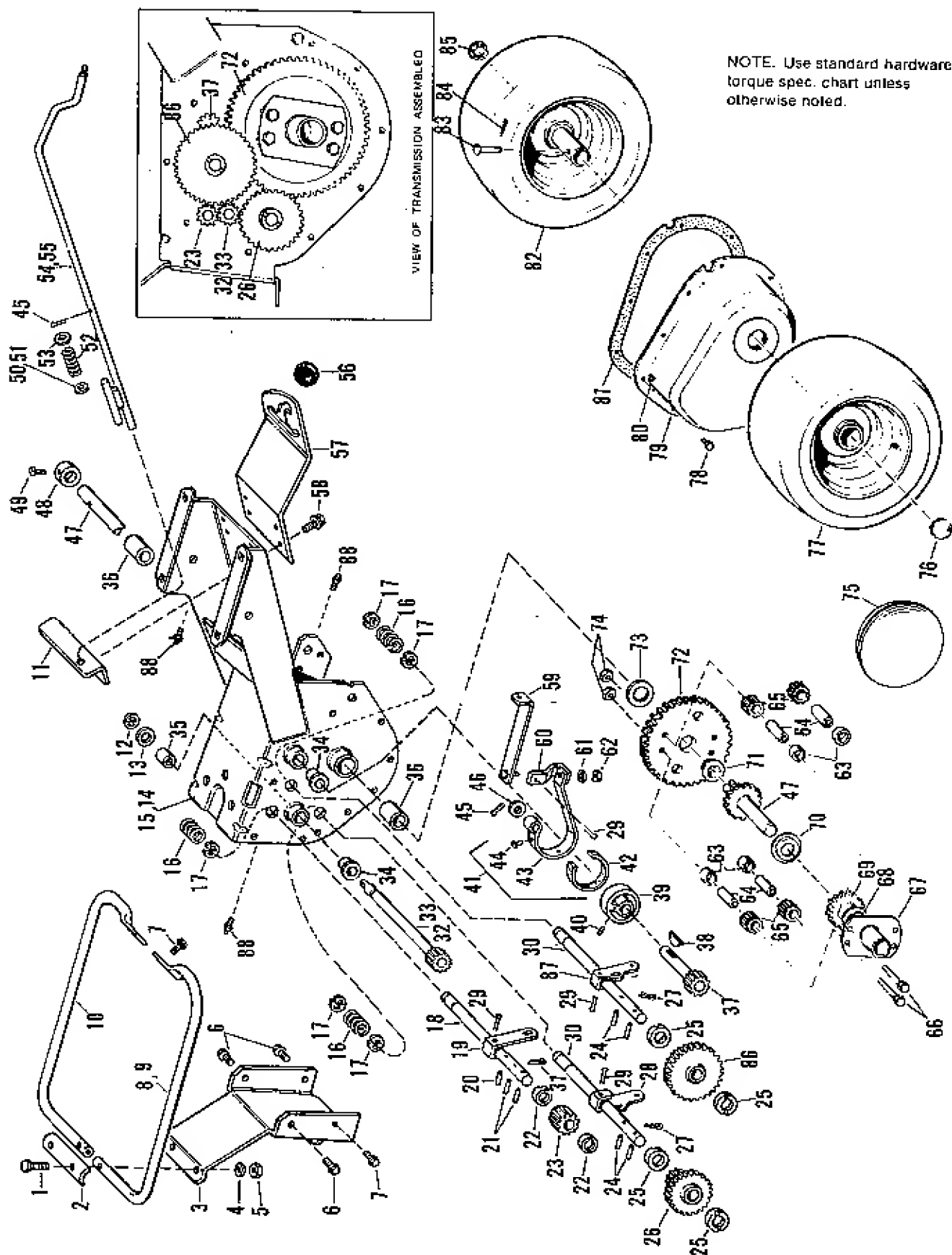
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| Ref.<br>No. | Part<br>No. | Qty. | Description                            |
|-------------|-------------|------|--|
| 1           | 921221      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2     |
| 2           | 158584      | 1    | BRACKET, Handle Support                |
| 3           | 158518      | 1    | PLATE, Hitch, Rear                     |
| 4           | 917356      | 2    | LOCKWASHER, 5/16                       |
| 5           | 917372      | 2    | NUT, Hex, Full, 5/16-18                |
| 6           | 924856      | 3    | SCREW, Hex, Taptite, 5/16-18 x 1/2     |
| 7           | 925003      | 2    | SCREW, Hex, Taptite, 1/4-20 x 1/2      |
| *8          | 158582      | 1    | HANDLE, Rear, R.H.                     |
| **9         | 174629      | 1    | HANDLE, Rear, R.H.                     |
| 10          | 158583      | 1    | HANDLE, Rear, L.H.                     |
| 11          | 158539      | 1    | GUIDE, Shift rod                       |
| 12          | 153124      | 1    | RING, Retaining                        |
| 13          | 153079      | 1    | WASHER                                 |
| *14         | 158500      | 1    | ENGINE BASE FRAME & SEAT SUPPORT ASSY. |
| **15        | 174835      | 1    | ENGINE BASE FRAME & SEAT SUPPORT ASSY. |
| 16          | 158578      | 3    | SPRING, Compression                    |
| 17          | 158596      | 5    | RING, Retaining                        |
| 18          | 158534      | 1    | SHAFT, Reverse                         |
| 19          | 158564      | 1    | LINK, Shift, Reverse                   |
| 20          | 921450      | 1    | PIN, Roll, 5/32 Dia. x 1               |
| 21          | 916168      | 1    | PIN, Roll, 1/8 Dia. x 3/4              |
| 22          | 158562      | 2    | COLLAR, Thrust                         |
| 23          | 158557      | 1    | PINION, Reverse                        |
| 24          | 918111      | 4    | PIN, Roll, 1/8 Dia. x 1                |
| 25          | 158561      | 3    | COLLAR, Thrust                         |
| 26          | 158570      | 1    | GEAR & BEARING ASSY.                   |
| 27          | 918447      | 2    | PIN, Cotter, 3/32 x 3/4                |
| 28          | 158535      | 1    | LINK, Shift, Hi                        |
| 29          | 919314      | 4    | PIN, Cotter, 3/16 x 1-1/4              |
| 30          | 158541      | 2    | SHAFT, Intermediate                    |
| 31          | 923360      | 1    | PIN, Cotter, 1/16 x 3/4                |
| *32         | 158531      | 1    | SHAFT ASSY., Gear                      |
| **33        | 106944      | 1    | SHAFT ASSY., Gear                      |
| 34          | 158569      | 2    | BEARING, Bronze                        |
| 35          | 156064      | 2    | BUSHING                                |
| 36          | 158337      | 2    | BEARING                                |
| 37          | 158548      | 1    | BRAKE SHAFT & GEAR ASSY.               |
| 38          | 930669      | 1    | KEY, Hi-Pro                            |
| 39          | 165067      | 1    | DRUM, Brake                            |
| 40          | 928691      | 1    | SETSCREW, 5/16-18 x 5/16               |
| 41          | 158552      | 1    | BAND ASSY., Brake                      |
| 42          | 156136      | 1    | LINING, Brake                          |
| 43          | 158554      | 1    | BAND, Brake                            |
| 44          | 926021      | 1    | RIVET, #7 x 1/4                        |

\*Used on Mfg. No. 990554 &amp; 990614.

\*\*Used on Mfg. No. 990774 &amp; 990775.

NOTE: Part Reference No. 45-88 continued on the following page.





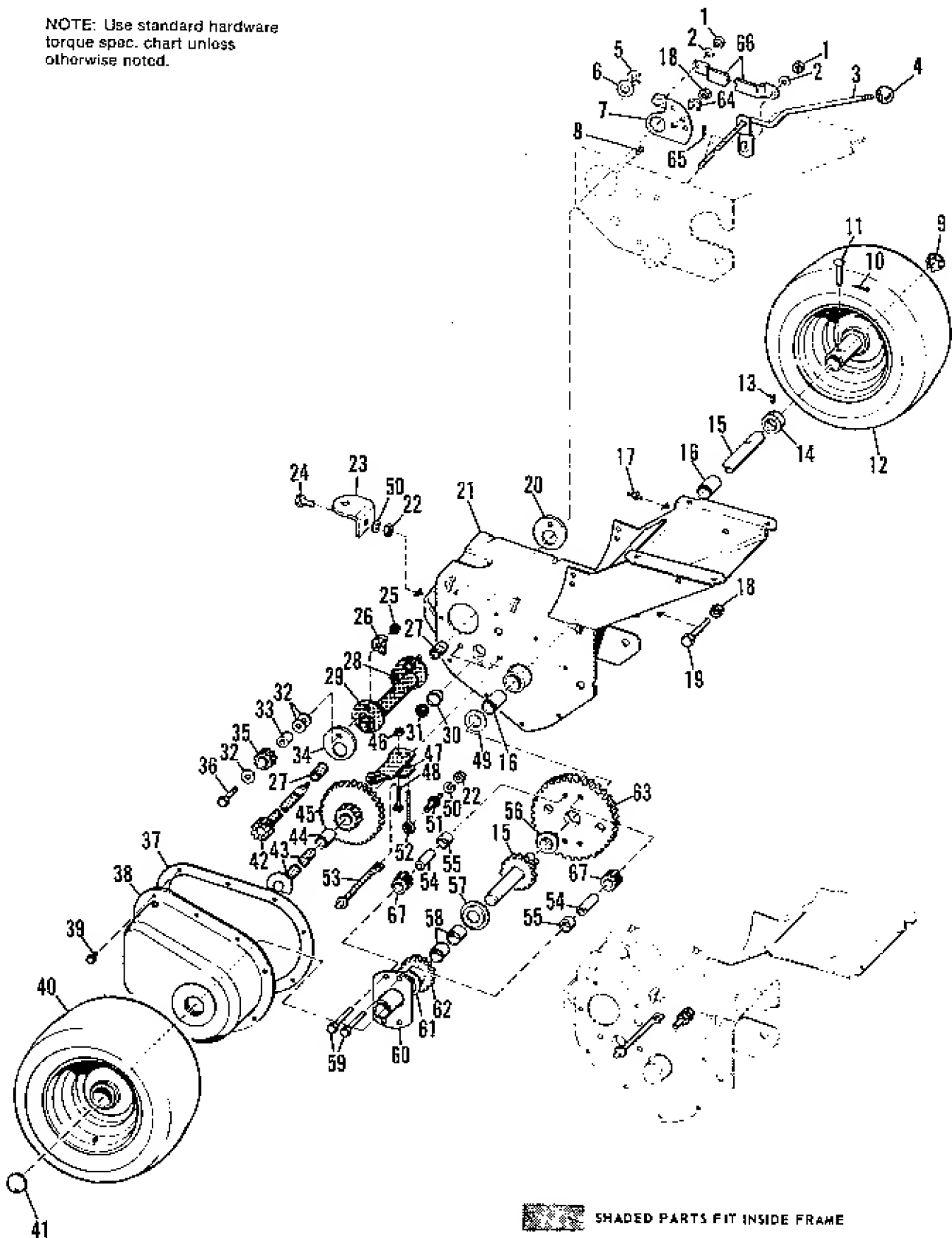
| Ref.<br>No. | Part<br>No. | Qty. | Description                       |
|-------------|-------------|------|-----------------------------------|
| 45          | 918452      | 2    | PIN, Cotter, 1/8 x 1              |
| 46          | 917378      | 1    | WASHER, Plain, 3/8                |
| 47          | 158352      | 1    | SHAFT ASSY., Axle, L.H.           |
| 48          | 158357      | 1    | COLLAR, Set                       |
| 49          | 928709      | 1    | SETSCREW, 5/16-18 x 3/8           |
| *50         | 158645      | 1    | WASHER, Plain                     |
| **51        | 8051056     | 1    | WASHER, Spacer                    |
| 52          | 158576      | 1    | SPRING                            |
| 53          | 918430      | 1    | WASHER, Plain, 7/16               |
| *54         | 103224      | 1    | CONVERSION KIT, Shift             |
| **55        | 172917      | 1    | ROD ASSY., Shift                  |
| 56          | 8021050     | 1    | KNOB, SHIFT                       |
| 57          | 172923      | 1    | PLATE, Shift Pattern              |
| 58          | 925592      | 4    | SCREW, Taptite, 1/4-20 x 3/4      |
| 59          | 158597      | 1    | GUIDE ASSY., Brake                |
| 60          | 1809261     | 1    | LEVER, Brake                      |
| 61          | 918964      | 1    | LOCKWASHER, 1/4                   |
| 62          | 916622      | 1    | NUT, Hex, Full, 1/4-20            |
| 63          | 121084      | 4    | SPACER, Diff.                     |
| 64          | 121083      | 4    | SPINDLE, Differential Pinion      |
| 65          | 158579      | 4    | PINION, Diff.                     |
| 66          | 921972      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 2-3/4 |
| 67          | 158364      | 1    | PLATE, Diff.                      |
| 68          | 158365      | 1    | BUSHING, Plate Diff.              |
| 69          | 158359      | 1    | AXLE & BUSHING ASSY., R.H.        |
| 70          | 158358      | 1    | CUP, Thrust                       |
| 71          | 158356      | 1    | BUSHING                           |
| 72          | 158350      | 1    | GEAR, Drive                       |
| 73          | 118252      | 1    | WASHER                            |
| 74          | 930651      | 6    | LOCKNUT, Hex, 3/8-16              |
| *75         | 156211      | 2    | HUB CAP, Rear                     |
| 76          | 158436      | 1    | BUTTON, Plug                      |
| 77          | 1608381     | 2    | WHEEL & TIRE ASSY., R.H.          |
| 78          | 927428      | 9    | SCREW, Hex, Taptite, 1/4-20 x 3/8 |
| 79          | 158521      | 1    | GEAR CASE ASSY.                   |
| 80          | 928724      | 1    | FITTING, Grease                   |
| 81          | 158524      | 1    | GASKET, Gear Case                 |
| 82          | 1608383     | 2    | WHEEL & TIRE ASSY., L.H.          |
| 83          | 118053      | 2    | PIN                               |
| 84          | 918451      | 2    | PIN, Cotter, 1/8 x 3/4            |
| 85          | 158433      | 1    | BUTTON, Plug                      |
| 86          | 158542      | 1    | GEAR & BEARING ASSY., Lo          |
| 87          | 158563      | 1    | LINK, Shift, Lo                   |
| 88          | 912808      | 3    | FITTING, Grease                   |

\*Used on Mfg. No. 990554 &amp; 990614.

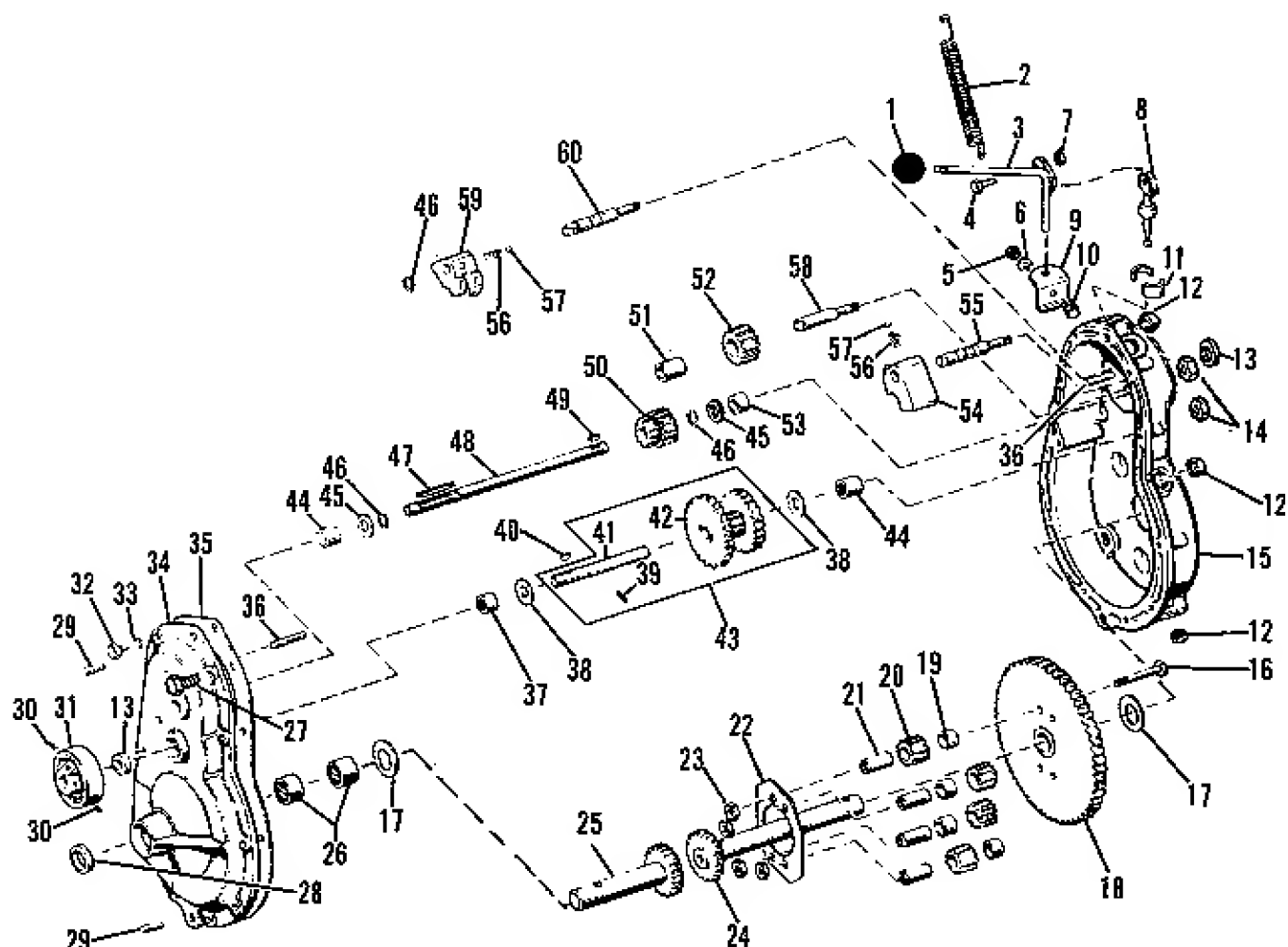
\*\*Used on Mfg. No. 990774 &amp; 990775.

NOTE: Parts Reference No. 1-44 found on preceding page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

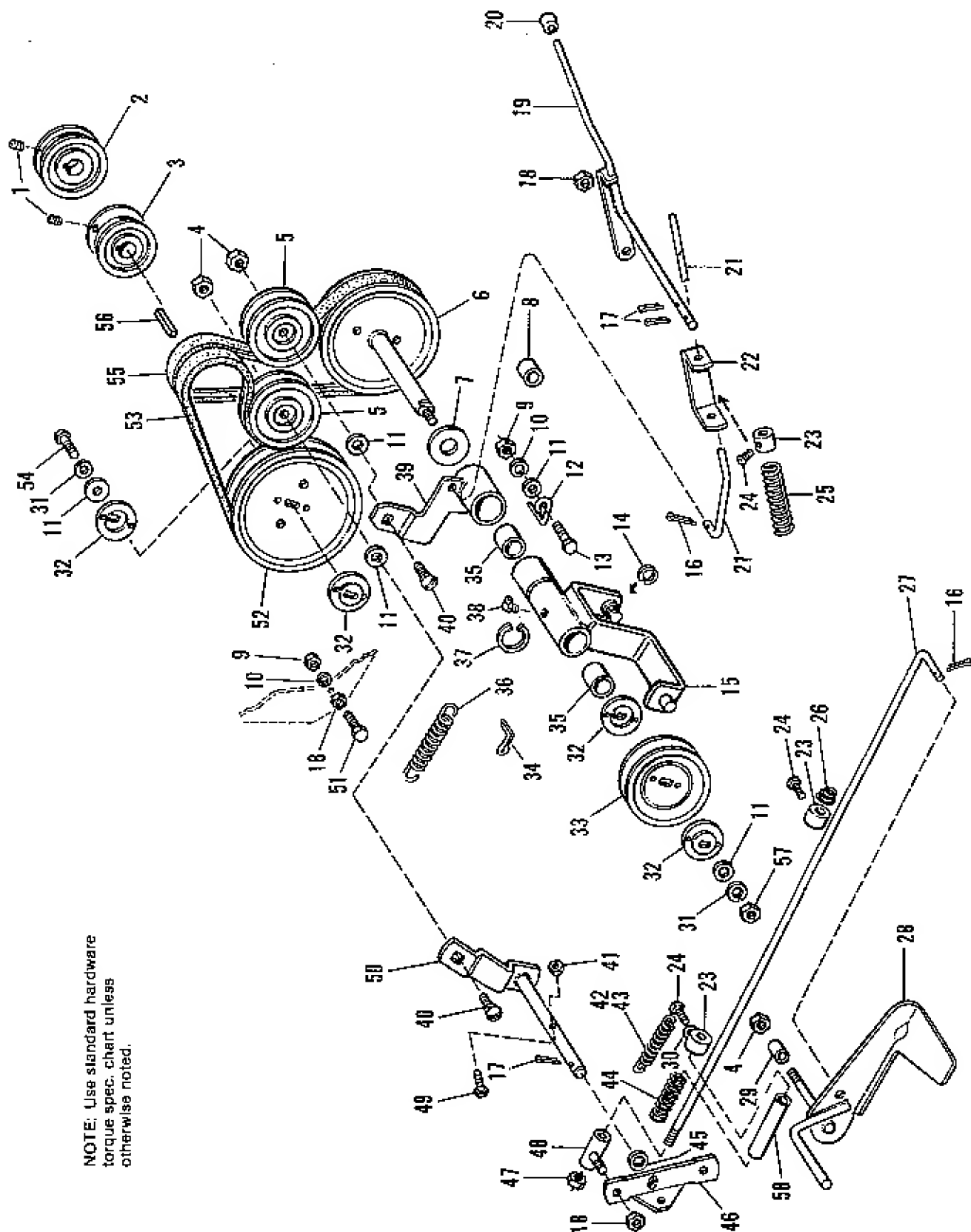


| Ref.<br>No. | Part<br>No. | Qty. | Description                                   |
|-------------|-------------|------|---|
| 1           | 923362      | 2    | LOCKNUT, 5/16-18                              |
| 2           | 917377      | 2    | WASHER, Plain, 1/4                            |
| 3           | 158372      | 1    | LEVER ASSY., Shift                            |
| 4           | 155044      | 1    | KNOB  |
| 5           | 153124      | 1    | RING, Retaining                               |
| 6           | 153079      | 1    | WASHER  |
| 7           | 158339      | 1    | LEVER ASSY., Detent                           |
| 8           | 990558      | 1    | SCREW, Rd. Hd., 12-24 x 1/2                   |
| 9           | 158438      | 1    | BUTTON, Plug                                  |
| 10          | 918451      | 2    | PIN, Cotter, 1/8 x 3/4                        |
| 11          | 118053      | 2    | PIN   |
| 12          | 158430      | 1    | WHEEL & TIRE ASSY., L.H.                      |
| 13          | 928709      | 1    | SETSCREW, Cup Pt., Sq. Hd., 5/16-18 x 3/8     |
| 14          | 158357      | 1    | COLLAR, Set                                   |
| 15          | 158352      | 1    | AXLE SHAFT, L.H.                              |
| 16          | 158337      | 2    | BEARING                                       |
| 17          | 912808      | 1    | FITTING, Grease                               |
| 18          | 923428      | 2    | LOCKNUT, 3/8-18                               |
| 19          | 930596      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 2-3/4             |
| 20          | 153094      | 1    | SHIELD  |
| 21          | 158228      | 1    | ENGINE BASE, FRAME & SEAT SUPPORT ASSY.       |
| 22          | 916950      | 2    | NUT, Hex, Full, 3/8-16                        |
| 23          | 158455      | 1    | BAR, Draw                                     |
| 24          | 921210      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1                 |
| 25          | 153090      | 1    | NUT, Hex, Full, L.H. 3/8-16                   |
| 26          | 121139      | 1    | PLATE, Lock                                   |
| 27          | 8051038     | 2    | BEARING                                       |
| 28          | 914687      | 1    | FITTING, Grease                               |
| 29          | 158338      | 1    | HOUSING ASSY., Bearing                        |
| 30          | 158446      | 2    | RETAINER, Brake Lining                        |
| 31          | 158447      | 2    | LINING, Brake                                 |
| 32          | 917642      | 3    | WASHER, Plain, 5/16                           |
| 33          | 121163      | 1    | SPACER, Pinion                                |
| 34          | 158472      | 1    | SHIELD  |
| 35          | 121118      | 1    | PINION, Reverse                               |
| 36          | 930575      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2 L.H. Thd.   |
| 37          | 158370      | 1    | GASKET  |
| 38          | 158467      | 1    | GEAR CASE ASSY.                               |
| 39          | 927428      | 9    | SCREW, Hex, Washer Hd., Taplite, 1/4-20 x 3/8 |
| 40          | 158434      | 1    | WHEEL & TIRE ASSY., R.H.                      |
| 41          | 158433      | 1    | BUTTON, Plug                                  |
| 42          | 158342      | 1    | SHAFT ASSY., Pulley                           |
| 43          | 158442      | 1    | SHAFT ASSY., Intermediate                     |
| 44          | 153078      | 1    | BEARING, Pinion                               |
| 45          | 158349      | 1    | GEAR ASSY., Intermediate                      |
| 46          | 923329      | 1    | LOCKNUT, Hex, 1/4-20                          |
| 47          | 158445      | 1    | ARM, Brake                                    |
| 48          | 918240      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 1-1/2             |
| 49          | 118252      | 1    | WASHER  |
| 50          | 916965      | 2    | LOCKWASHER, 3/8                               |
| 51          | 158441      | 1    | STUD  |
| 52          | 121044      | 1    | PIN, Lock                                     |
| 53          | 158440      | 1    | PIN, Anchor                                   |
| 54          | 121083      | 4    | SPINOLE, Diff.                                |
| 55          | 121084      | 4    | SPACER, Diff.                                 |
| 56          | 158356      | 1    | BUSHING, Drive Gear                           |
| 57          | 158358      | 1    | CUP, Thrust                                   |
| 58          | 158363      | 2    | BUSHING                                       |
| 59          | 923701      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 2                 |
| 60          | 158364      | 1    | PLATE, Diff.                                  |
| 61          | 158365      | 1    | BUSHING                                       |
| 62          | 158359      | 1    | AXLE & BUSHING ASSY., R.H.                    |
| 63          | 158355      | 1    | GEAR, Drive                                   |
| 64          | 157127      | 1    | SPRING, Conical                               |
| 65          | 918452      | 1    | PIN, Cotter, 1/8 x 1                          |
| 66          | 158371      | 1    | LINK, Shaft                                   |
| 67          | 121311      | 4    | PINION, Diff.                                 |



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 8021050     | 1    | KNOB, Ball                         |
| 2           | 159106      | 1    | SPRING                             |
| 3           | 159046      | 1    | LEVER ASSY., Shift                 |
| 4           | 923341      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 3/4    |
| 5           | 917372      | 1    | NUT, Hex, Full, 5/16-18            |
| 6           | 917356      | 1    | LOCKWASHER, 5/16                   |
| 7           | 923358      | 1    | LOCKNUT, Hex, 1/4-20               |
| 8           | 156031      | 1    | ROD ASSY., Shift                   |
| 9           | 159116      | 1    | PIVOT, Shift Lever                 |
| 10          | 919319      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 7/8   |
| 11          | 101042      | 2    | BUSHING, Half                      |
| 12          | 930676      | 3    | PLUG, Pipe                         |
| 13          | 156084      | 2    | SEAL, Oil                          |
| 14          | 918213      | 2    | NUT, Hex, Full, 7/16-14            |
| 15          | 159030      | 1    | CASE ASSY., Gear                   |
| 16          | 919362      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 2-1/4  |
| 17          | 105083      | 2    | WASHER                             |
| 18          | 1663715     | 1    | GEAR ASSY., Drive                  |
| 19          | 121084      | 4    | SPACER, Diff.                      |
| 20          | 158579      | 4    | PINION, Diff.                      |
| 21          | 121083      | 4    | SPINDLE, Diff.                     |
| 22          | 156002      | 1    | PLATE, Diff.                       |
| 23          | 930651      | 4    | LOCKNUT, Hex, 3/8-16               |
| 24          | 156100      | 1    | SHAFT ASSY., Axle, R.H.            |
| 25          | 156104      | 1    | SHAFT ASSY., Axle, L.H.            |
| 26          | 105195      | 2    | BEARING, Roller                    |
| 27          | 921221      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2 |
| 28          | 118118      | 1    | SEAL, Oil                          |
| 29          | 918113      | 2    | PIN, Roll, 3/8 x 1                 |
| 30          | 930554      | 2    | SETSCREW, 5/16-18 x 5/16           |
| 31          | 165067      | 1    | DRUM, Brake                        |
| 32          | 921977      | 10   | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4 |
| 33          | 917356      | 10   | LOCKWASHER, 5/16                   |
| 34          | 165018      | 1    | COVER, Gear Case                   |
| 35          | 156103      | 1    | GASKET                             |
| 36          | 156308      | 2    | PIN ASSY., Roll                    |
| 37          | 156102      | 1    | BEARING, Roller                    |
| 38          | 156089      | 2    | WASHER                             |
| 39          | 156292      | 1    | PIN, Dowel                         |
| 40          | 930669      | 1    | KEY                                |
| 41          | 156088      | 1    | SHAFT, Brake                       |
| 42          | 156090      | 1    | CLUSTER ASSY., Gear                |
| 43          | 156290      | 1    | CLUSTER GEAR & SHAFT ASSY.         |
| 44          | 156073      | 2    | BEARING, Roller                    |
| 45          | 156085      | 2    | WASHER                             |
| 46          | 8061048     | 3    | RING, Retaining                    |
| 47          | 156086      | 1    | KEY                                |
| 48          | 159032      | 1    | SHAFT, Pulley                      |
| 49          | 930670      | 1    | KEY, Hi-Pro                        |
| 50          | 156087      | 1    | PINION ASSY., Hi-Lo                |
| 51          | 156082      | 1    | BEARING, Roller                    |
| 52          | 1650625     | 1    | PINION, Reverse                    |
| 53          | 156072      | 1    | BEARING, Roller                    |
| 54          | 156080      | 1    | FORK, Shift, I & II                |
| 55          | 171372      | 1    | SHAFT, Shift, Hi-Lo                |
| 56          | 154323      | 2    | SPRING                             |
| 57          | 154262      | 2    | BALL                               |
| 58          | 156081      | 1    | SHAFT, Pinion, Reverse             |
| 59          | 171363      | 1    | FORK, Shift, Reverse               |
| 60          | 156077      | 1    | SHAFT, Shift, Reverse              |

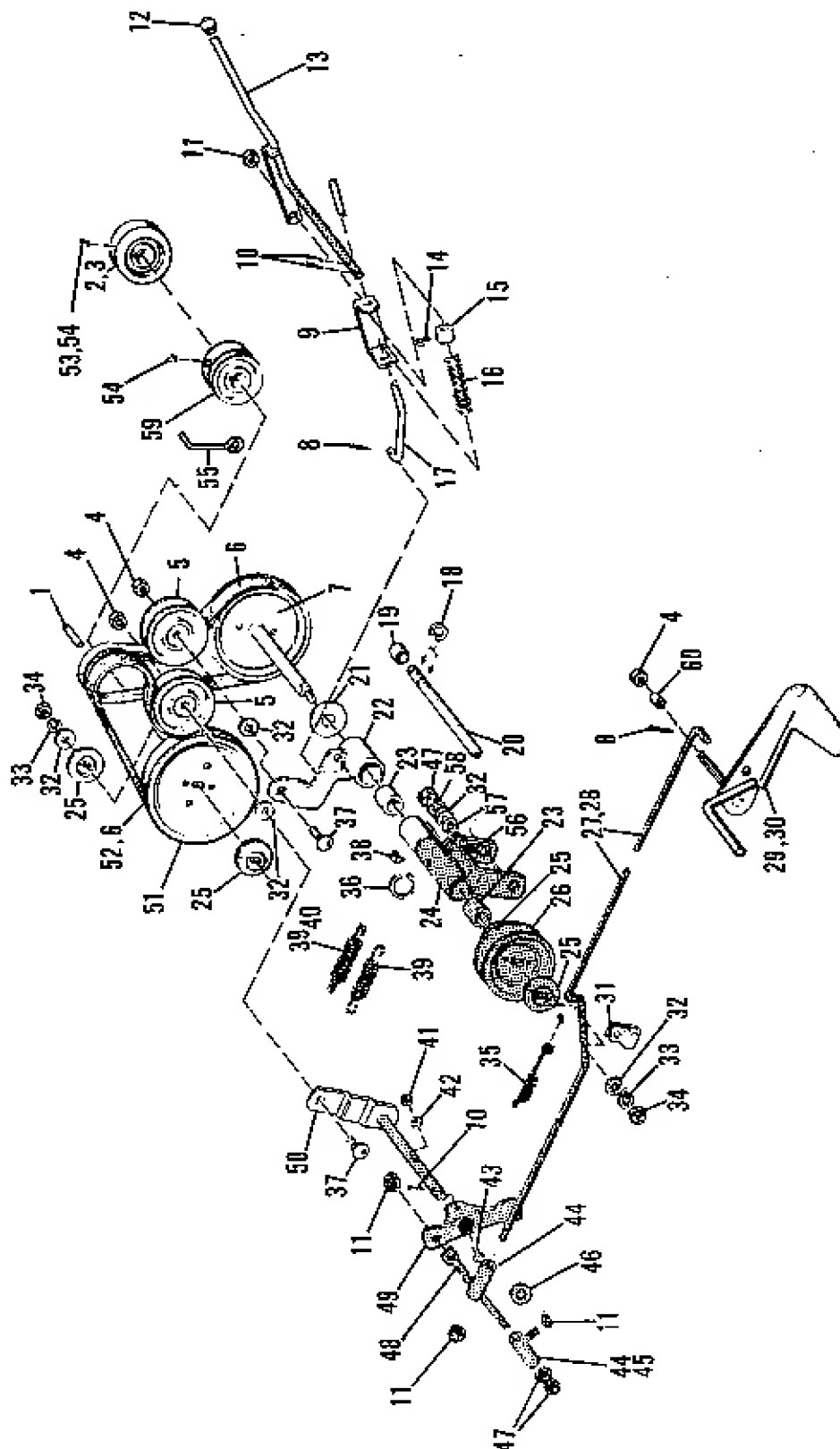


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description  |
|-------------|-------------|------|--|
| 1           | 928691      | 2    | SETSCREW, 5/16-18 x 5/16                           |
| 2           | 118331      | 1    | PULLEY, Engine                                     |
| 3           | 158498      | 1    | PULLEY, Drive                                      |
| 4           | 930651      | 3    | LOCKNUT, Hex, 3/8-16                               |
| 5           | 154534      | 2    | PULLEY, Idler                                      |
| 6           | 158630      | 1    | PULLEY & SHAFT ASSY.                               |
| 7           | 119018      | 1    | WASHER   |
| 8           | 158398      | 1    | SPACER   |
| 9           | 917372      | 2    | NUT, Hex, Full, 5/16-18 (Qty. 1 on 990774, 990775) |
| 10          | 917356      | 2    | LOCKWASHER, 5/16 (Qty. 1 on 990774, 990775)        |
| 11          | 917642      | 5    | WASHER, Plain, 5/16 (Qty. 1 on 990774, 990775)     |
| *12         | 8021014     | 1    | STOP, Belt   |
| *13         | 923325      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 7/8                   |
| 14          | 158399      | 1    | RING, Retaining                                    |
| 15          | 158632      | 1    | HOUSING ASSY.                                      |
| 16          | 918447      | 2    | PIN, Cotter, 3/32 x 3/4                            |
| 17          | 918452      | 3    | PIN, Cotter, 1/8 x 1                               |
| 18          | 923362      | 3    | LOCKNUT, Hex, 5/16-18                              |
| 19          | 158603      | 1    | HANDLE ASSY., P.T.O. Control                       |
| 20          | 158437      | 1    | KNOB   |
| 21          | 158609      | 1    | ROD, Clutch  |
| 22          | 158406      | 1    | GUIDE ASSY., Rod                                   |
| 23          | 8191022     | 3    | COLLAR, Set  |
| 24          | 928804      | 3    | SETSCREW, 1/4-20 x 3/8                             |
| 25          | 163103      | 1    | SPRING   |
| 26          | 153010      | 1    | SPRING, Conical                                    |
| 27          | 158575      | 1    | ROD, Clutch  |
| 28          | 158604      | 1    | PEDAL ASSY., Foot                                  |
| 29          | 158388      | 1    | SPACER   |
| 30          | 916955      | 1    | WASHER, Plain, 3/16                                |
| 31          | 916965      | 2    | LOCKWASHER, 3/8                                    |
| 32          | 158378      | 4    | WASHER, Special                                    |
| 33          | 158400      | 1    | PULLEY, Mower Drive                                |
| *34         | 158646      | 1    | PIN, Cotter  |
| 35          | 108054      | 2    | BEARING, Needle                                    |
| 36          | 154369      | 1    | SPRING   |
| 37          | 158396      | 1    | RING, Retaining                                    |
| 38          | 915019      | 1    | FITTING, Grease                                    |
| 39          | 158461      | 1    | LEVER ASSY., Idler                                 |
| 40          | 922249      | 2    | BOLT, Carriage, 3/8-16 x 1                         |
| 41          | 923358      | 1    | LOCKNUT, Hex, 1/4-20                               |
| *42         | 156302      | 1    | SPRING   |
| **43        | 159159      | 1    | SPRING   |
| 44          | 157041      | 1    | SPRING, Compression                                |
| 45          | 918430      | 1    | WASHER, Plain, 7/16                                |
| 46          | 158536      | 1    | LEVER  |
| 47          | 924433      | 1    | NUT, Elastic Stop, 5/16-18                         |
| 48          | 156303      | 1    | GUIDE ASSY., Rod                                   |
| 49          | 921960      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 1                      |
| 50          | 158537      | 1    | ARM ASSY., Idler Pulley                            |
| 51          | 921221      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2                 |
| 52          | 158377      | 1    | PULLEY, Transmission                               |
| 53          | 158573      | 1    | BELT, V  |
| 54          | 923325      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 7/8                   |
| 55          | 121399      | 1    | BELT, V  |
| 56          | 8221042     | 1    | KEY  |
| 57          | 916950      | 1    | NUT, Hex, Full, 3/8-16                             |
| **58        | 172179      | 1    | SPACER   |

\*Used on Mfg. No. 990554 &amp; 990614.

\*\*Used on Mfg. No. 990774 &amp; 990775.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.



## Belts &amp; Pulleys Group

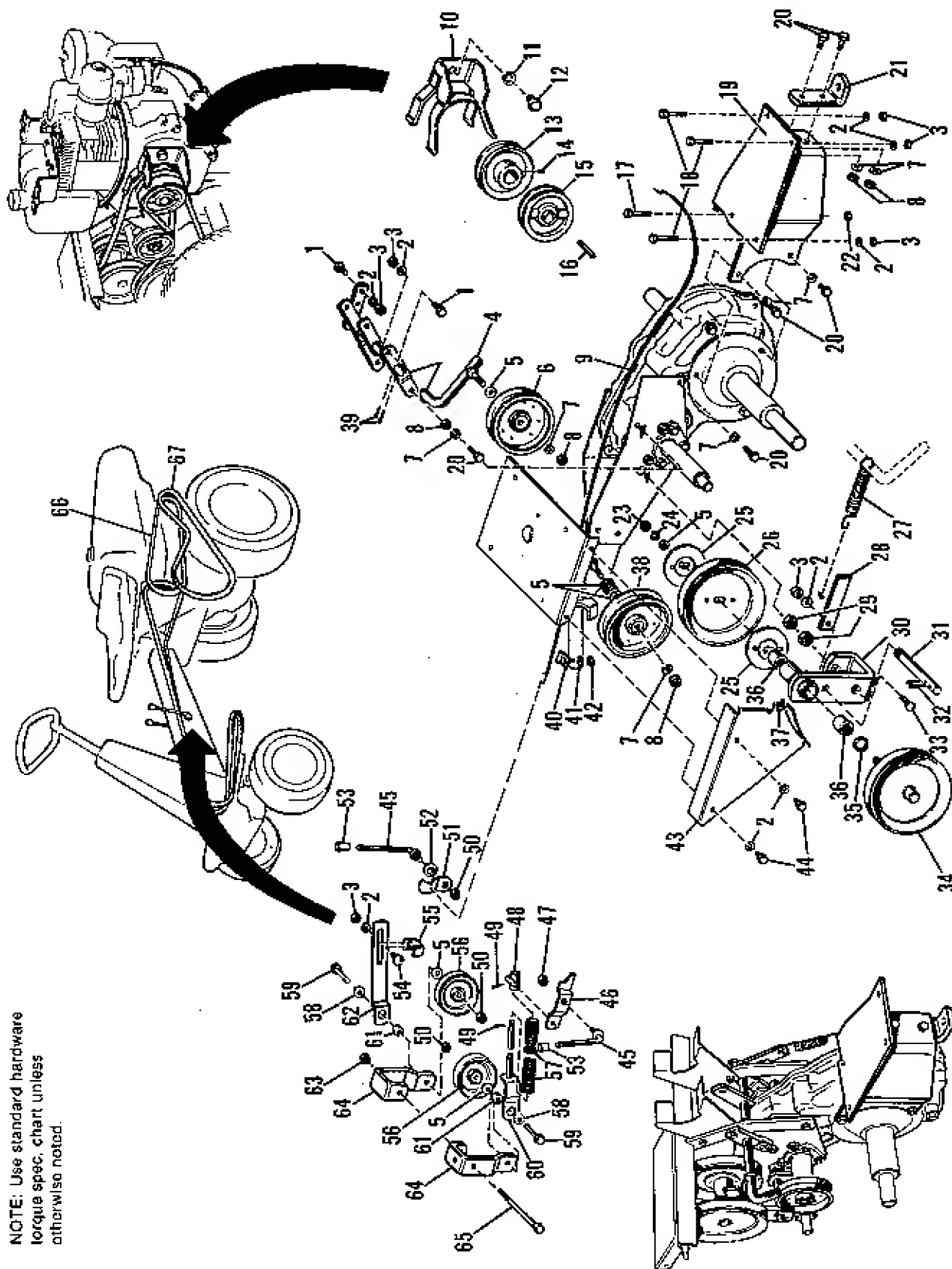
**Simplicity**

2/80

| Ref.<br>No. | Part<br>No. | Qty. | Description  |
|-------------|-------------|------|--|
| 1           | 8221042     | 1    | KEY  |
| *2          | 103093      | 1    | PULLEY, Engine                                       |
| **3         | 118331      | 1    | PULLEY, Engine                                       |
| 4           | 930651      | 3    | LOCKNUT, Hex, 3/8-16                                 |
| 5           | 154534      | 2    | PULLEY, Idler  |
| **6         | 158389      | 2    | BELT, V (Qty. 1 used on 990357 Only)                 |
| 7           | 158390      | 1    | PULLEY & SHAFT ASSY.                                 |
| 8           | 918447      | 2    | PIN, Cotter, 3/32 x 3/4                              |
| 9           | 158406      | 1    | GUIDE ASSY., Rod                                     |
| 10          | 918452      | 3    | PIN, Cotter, 1/8 x 1                                 |
| 11          | 923362      | 4    | LOCKNUT, Hex, 5/16-18                                |
| 12          | 158437      | 1    | KNOB   |
| 13          | 158408      | 1    | HANDLE ASSY., PTO Control                            |
| 14          | 928804      | 1    | SETSCREW, 1/4-20 x 3/8                               |
| 15          | 8191022     | 1    | COLLAR, Set  |
| 16          | 8191045     | 1    | SPRING   |
| 17          | 158405      | 1    | ROD, Clutch, PTO                                     |
| 18          | 158399      | 2    | RING, Retaining                                      |
| 19          | 158398      | 1    | SPACER   |
| 20          | 158397      | 1    | SHAFT, Pivot   |
| 21          | 119018      | 1    | WASHER   |
| 22          | 158461      | 1    | LEVER ASSY., Idler                                   |
| 23          | 108054      | 2    | BEARING, Needle                                      |
| 24          | 158393      | 1    | HOUSING ASSY.  |
| 25          | 158378      | 4    | WASHER, Special                                      |
| 26          | 158400      | 1    | PULLEY, Mower Drive                                  |
| *27         | 158477      | 1    | ROD, Clutch  |
| **28        | 158497      | 1    | ROD, Clutch  |
| *29         | 158386      | 1    | PEDAL ASSY., Foot                                    |
| **30        | 158494      | 1    | PEDAL ASSY., Foot                                    |
| 31          | 158476      | 1    | CLIP   |
| 32          | 917642      | 4    | WASHER, Plain, 5/16                                  |
| 33          | 916965      | 2    | LOCKWASHER, 3/8                                      |
| 34          | 916950      | 2    | NUT, Hex, Full, 3/8-16                               |
| 35          | 158385      | 1    | SPRING, Clutch Rod                                   |
| 36          | 158396      | 1    | RING, Retaining                                      |
| 37          | 922249      | 2    | BOLT, Carriage, 3/8-16 x 1                           |
| 38          | 915019      | 1    | FITTING, Grease                                      |
| 39          | 156302      | 2    | SPRING (Qty. 1 used on 990391 Only)                  |
| **40        | 154368      | 1    | SPRING   |
| 41          | 916622      | 1    | NUT, Hex, Full, 1/4-20                               |
| 42          | 916964      | 1    | LOCKWASHER, 1/4                                      |
| 43          | 928745      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 1-1/4                    |
| 44          | 158303      | 2    | GUIDE ASSY., Rod (Qty. 1 used on 990391 Only)        |
| **45        | 164094      | 1    | GUIDE ASSY., Rod                                     |
| 46          | 918430      | 1    | WASHER, Plain, 7/16                                  |
| 47          | 917372      | 3    | NUT, Hex, Full, 5/16-18 (Qty. 2 used on 990357 Only) |
| 48          | 158383      | 1    | ROD, Brake   |
| 49          | 158382      | 1    | LEVER  |
| 50          | 158463      | 1    | ARM ASSY., Idler Pulley                              |
| 51          | 158377      | 1    | PULLEY, Transmission                                 |
| *52         | 158460      | 1    | BELT, V  |
| *53         | 930543      | 1    | SETSCREW, 5/16-18 x 1/2                              |
| **54        | 928691      | 2    | SETSCREW, 5/16-18 x 5/16                             |
| **55        | 158499      | 1    | STOP, Belt   |
| 56          | 923325      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 7/8                     |
| **57        | 8021014     | 1    | STOP, Belt   |
| **58        | 917356      | 1    | LOCKWASHER, 5/16                                     |
| **59        | 158498      | 1    | PULLEY, Halt   |
| 60          | 158388      | 1    | SPACER   |

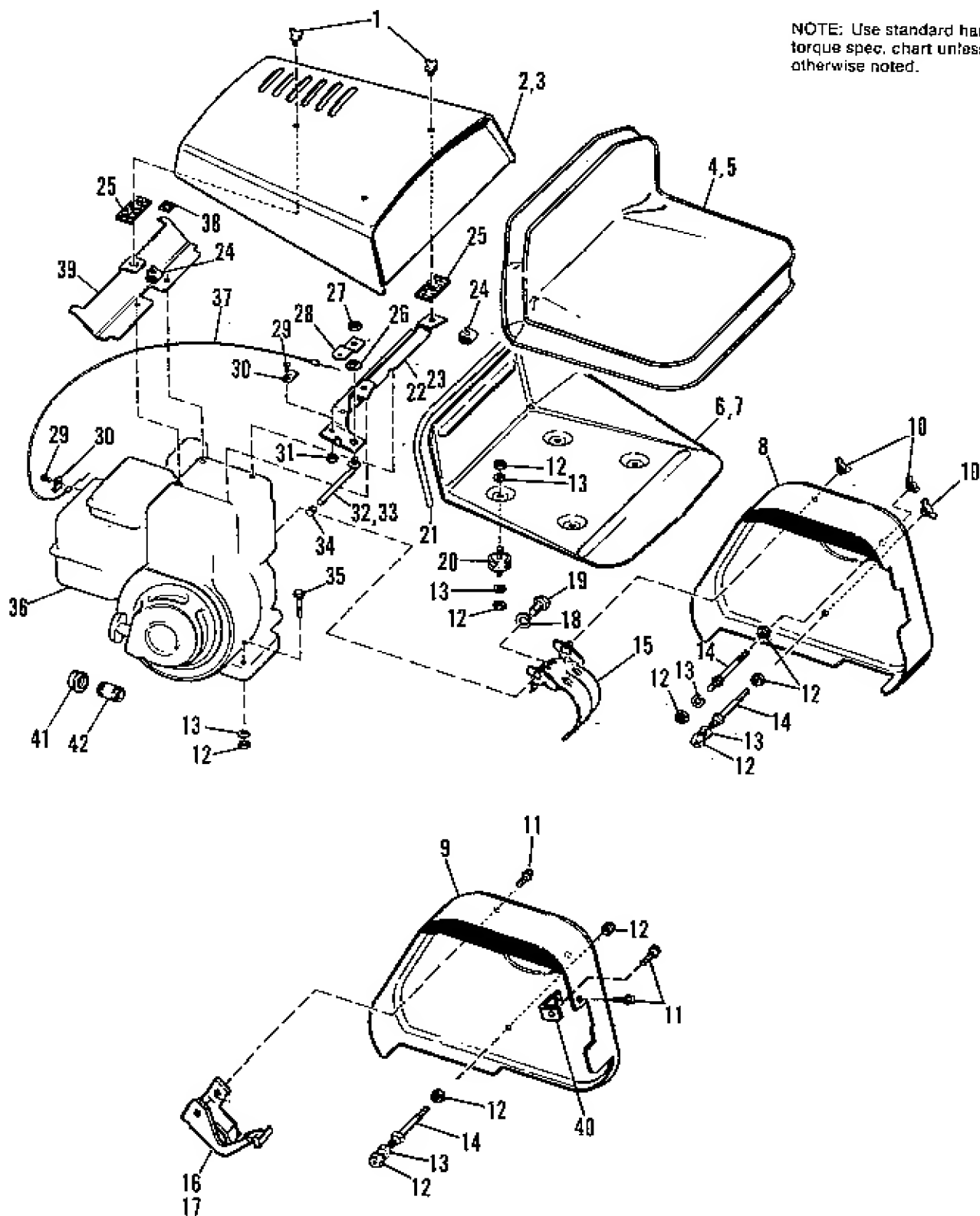
\*Used on Mfg. No. 990357.

\*\*Used on Mfg. No. 990391.



NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 921333      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 1     |
| 2           | 917356      | 9    | LOCKWASHER, 5/16                   |
| 3           | 917372      | 9    | NUT, Hex, Full, 5/16-18            |
| 4           | 159120      | 1    | SHAFT ASSY., Idler                 |
| 5           | 917378      | 6    | WASHER, Plain, 3/8                 |
| 6           | 108386      | 1    | PULLEY, Idler                      |
| 7           | 916965      | 8    | LOCKWASHER, 3/8                    |
| 8           | 916950      | 5    | NUT, Hex, Full, 3/8-16             |
| 9           | 159179      | 1    | CABLE & WIRE ASSY.                 |
| 10          | 159079      | 1    | GUARD ASSY., Ball                  |
| 11          | 909589      | 1    | LOCKWASHER, Int., 1/2              |
| 12          | 924086      | 1    | CAPSCREW, Hex Hd., 1/2-20 x 3/4    |
| 13          | 159128      | 1    | PULLEY, Engine                     |
| 14          | 930543      | 1    | SETSCREW, 5/16-16 x 1/2            |
| 15          | 121224      | 1    | PULLEY, Engine                     |
| 16          | 159129      | 1    | KEY                                |
| 17          | 921221      | 1    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2 |
| 18          | 922127      | 3    | CAPSCREW, Hex Hd., 5/16-18 x 1-3/4 |
| 19          | 159033      | 1    | SUPPORT ASSY., Engine              |
| 20          | 921966      | 6    | CAPSCREW, Hex Hd., 3/8-16 x 7/8    |
| 21          | 159077      | 1    | HITCH, Draw Bar                    |
| 22          | 927577      | 1    | NUT, Whizlock, 5/16-18             |
| 23          | 918213      | 1    | NUT, Hex, Full, 7/16-14            |
| 24          | 918199      | 1    | LOCKWASHER, 7/16                   |
| 25          | 158195      | 2    | WASHER, Special                    |
| 26          | 158195      | 1    | PULLEY                             |
| 27          | 159133      | 1    | SPRING                             |
| 28          | 159122      | 1    | STOP, Pulley                       |
| 29          | 918935      | 2    | LOCKNUT, Jam, 5/8-11               |
| 30          | 103177      | 1    | ARM & HOUSING ASSY., W/Bearing     |
| 31          | 159117      | 1    | PIN, Pivot                         |
| 32          | 918453      | 2    | PIN, Cotter, 1/8 x 1-1/4           |
| 33          | 921926      | 1    | BOLT, Carriage, 5/16-18 x 1-1/4    |
| 34          | 159115      | 1    | SHAFT ASSY., P.T.O. Pulley         |
| 35          | 6061012     | 1    | WASHER                             |
| 36          | 154258      | 2    | BEARING, Needle                    |
| 37          | 912808      | 1    | FITTING, Grease                    |
| 38          | 159066      | 1    | PULLEY, Idler                      |
| 39          | 918452      | 2    | PIN, Cotter, 1/8 x 1               |
| 40          | 159102      | 1    | CLAMP ASSY., Cable                 |
| 41          | 916964      | 1    | LOCKWASHER, 1/4                    |
| 42          | 923358      | 1    | NUT, Hex, Full, 1/4-20             |
| 43          | 159078      | 1    | GUARD, Pulley                      |
| 44          | 922118      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 3/8   |
| 45          | 158186      | 2    | HANDLE, Clutch Control             |
| 46          | 159073      | 1    | LEVER, Belt Tightener              |
| 47          | 928352      | 1    | NUT, Hex, Whizlock, 3/8-16         |
| 48          | 159072      | 1    | SOCKET ASSY., Rod                  |
| 49          | 922000      | 2    | PIN, Cotter, 3/32 x 5/8            |
| 50          | 930651      | 3    | LOCKNUT, Hex, 3/8-16               |
| 51          | 159100      | 1    | ARM, Throttle                      |
| 52          | 159107      | 1    | WASHER                             |
| 53          | 159112      | 2    | KNOB                               |
| 54          | 923346      | 1    | BOLT, Carriage, 5/16-18 x 3/4      |
| 55          | 159162      | 1    | BRACKET                            |
| 56          | 101096      | 2    | PULLEY, Idler                      |
| 57          | 8191045     | 2    | SPRING                             |
| 58          | 917642      | 2    | WASHER, Plain, 5/16                |
| 59          | 921969      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2  |
| 60          | 159069      | 1    | ROD ASSY., Belt Tightener          |
| 61          | 105184      | 2    | SPACER                             |
| 62          | 159067      | 1    | TIGHTENER, Belt, H.H.              |
| 63          | 928731      | 1    | LOCKNUT, Jam, 3/8-16               |
| 64          | 159068      | 2    | ARM, Pivot                         |
| 65          | 920156      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 5      |
| 66          | 108099      | 1    | BELT, V                            |
| 67          | 108248      | 1    | BELT, V                            |

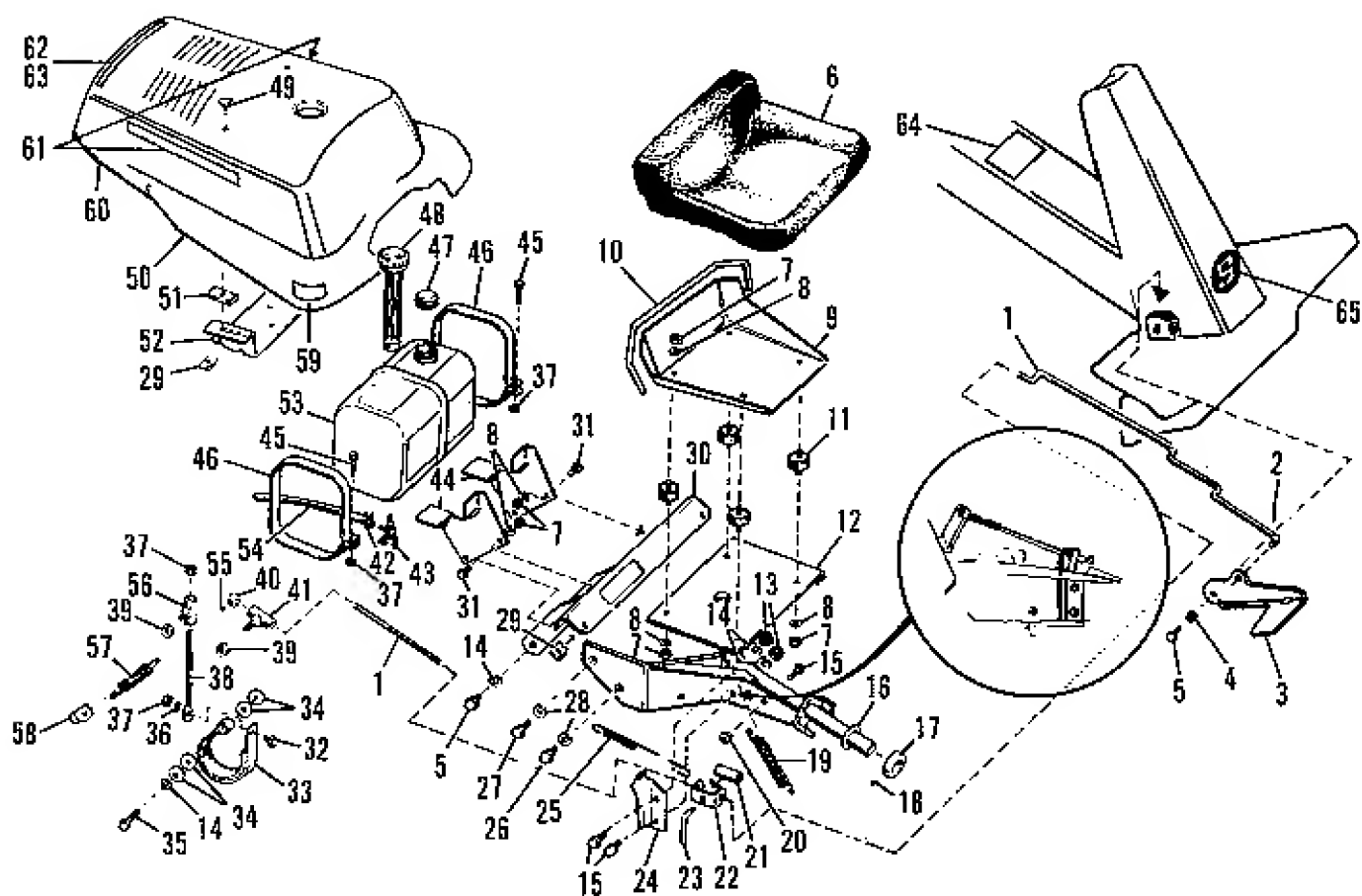


| Ref.<br>No. | Part<br>No. | Qty. | Description  |
|-------------|-------------|------|--|
| 1           | 928693      | 3    | SCREW, Thumb, 5/16-18 x 3/4  |
| **2         | 158419      | 1    | HOOD ASSY.   |
| *3          | 158515      | 1    | HOOD ASSY.   |
| **4         | 158207      | 1    | PAD, Seat  |
| *5          | 162094      |      | PAD, Seat  |
| **6         | 158153      | 1    | PANEL, Seat  |
| *7          | 165066      | 1    | PANEL, Seat  |
| **8         | 158416      | 1    | GUARD, Pulley  |
| *9          | 158577      | 1    | GUARD, Pulley  |
| **10        | 918468      | 3    | NUT, Wing, 5/16-18   |
| *11         | 924856      | 3    | SCREW, Taprite, 5/16-18 x 1/2  |
| 12          | 917372      | 15   | NUT, Hex, Full, 5/16-18  |
| 13          | 917356      | 14   | LOCKWASHER, 5/16 (Qty. 13 used on 990554,<br>990614, 990774, 990775) |
| 14          | 158418      | 2    | STUD (Qty. 1 on 990554, 990614, 990774, 990775)                      |
| **15        | 158480      | 1    | STOP ASSY., Belt   |
| 16          | 158527      | 1    | STOP ASSY., Belt (Used on 990554 & 990774)                           |
| 17          | 170165      | 1    | STOP, Belt (Used on 990614 Only)                                     |
| 18          | 909589      | 1    | LOCKWASHER, 1/2  |
| 19          | 924086      | 1    | CAPSCREW, Hex Hd., 1/2-20 x 3/4                                      |
| 20          | 159085      | 4    | CONNECTOR, Cushion   |
| 21          | 159177      | 1    | TAPE, 2 IL.  |
| **22        | 158423      | 1    | SUPPORT, Hood, Front   |
| 23          | 174748      | 1    | SUPPORT, Hood, Front (Used on 990774, 990775)                        |
| 24          | 928701      | 3    | NUT, Retainer  |
| 25          | 121399      | 3    | FELT   |
| 26          | 159107      | 1    | WASHER, Throttle   |
| 27          | 930651      | 1    | LOCKNUT, Hex, 3/8-16   |
| 28          | 158424      | 1    | ARM, Throttle  |
| 29          | 922121      | 2    | SCREW, Machine, Rd. Hd., #10-32 x 3/8                                |
| 30          | 158475      | 2    | CLIP   |
| 31          | 917415      | 1    | NUT, Hex, Full, #10-32   |
| **32        | 158186      | 1    | HANDLE, Throttle Control   |
| *33         | 158587      | 1    | HANDLE, Throttle Control   |
| 34          | 159112      | 1    | KNOB   |
| 35          | 921221      | 4    | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2                                   |
| 36          |             | 1    | ENGINE   |
| 37          | 158425      | 1    | CABLE & WIRE ASSY.   |
| 38          | 158450      | 2    | GASKET, Felt   |
| 39          | 158449      | 1    | SUPPORT, Hood, Rear  |
| *40         | 158611      | 1    | BRACKET, Pulley Guard  |
| *41         | 901751      | 1    | CAP, Pipe, Nipple  |
| *42         | 158610      | 1    | NIPPLE, Pipe   |

\*Used on Mfg. No. 990554, 990614, 990774 &amp; 990775.

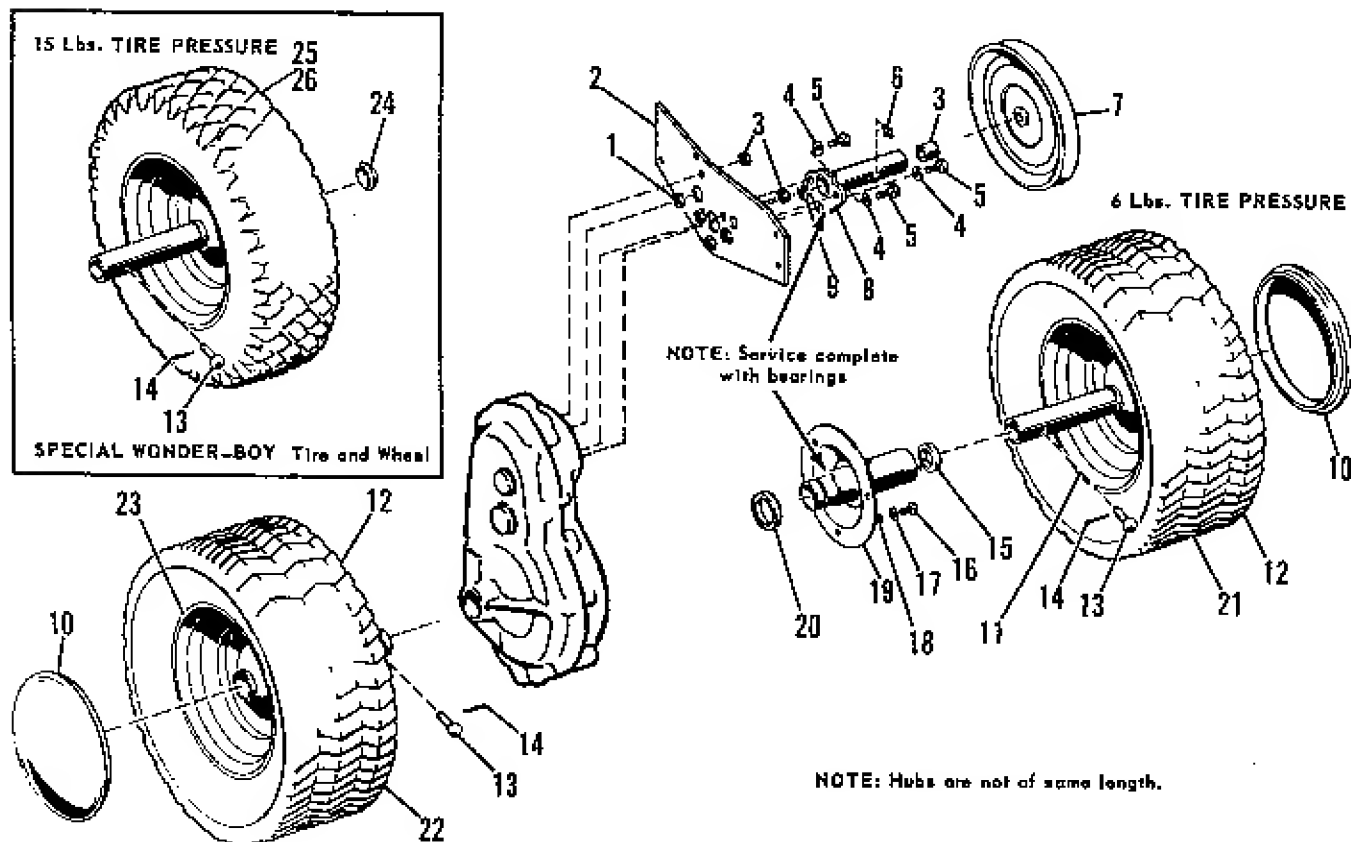
\*\*Used on Mfg. No. 990357 &amp; 990391.

\*\*\*Used on Mfg. No. 990357, 990391, 990554 &amp; 990614.



NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

| Ref.<br>No. | Part<br>No. | Qty. | Description                        |
|-------------|-------------|------|------------------------------------|
| 1           | 159060      | 1    | ROD, Foot Pedal                    |
| 2           | 922000      | 1    | PIN, Cotter, 3/32 x 5/8            |
| 3           | 159061      | 1    | PEDAL, Foot                        |
| 4           | 930651      | 1    | LOCKNUT, Hex, 3/8-16               |
| 5           | 921966      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 7/8    |
| 6           | 158207      | 1    | PAD, Seat                          |
| 7           | 917372      | 10   | NUT, Hex, Full, 5/16-18            |
| 8           | 917356      | 10   | LOCKWASHER, 5/16                   |
| 9           | 158153      | 1    | PANEL, Seat                        |
| 10          | 159177      | 1    | TAPE, 2 ft.                        |
| 11          | 159085      | 4    | CONNECTOR, Cushion                 |
| 12          | 159086      | 1    | SUPPORT ASSY.                      |
| 13          | 916950      | 2    | NUT, Hex, Full, 3/8-16             |
| 14          | 918965      | 4    | LOCKWASHER, 3/8                    |
| 15          | 922605      | 3    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4  |
| 16          | 168055      | 1    | WASHER                             |
| 17          | 8021028     | 1    | COLLAR, Set                        |
| 18          | 930544      | 1    | SETSCREW, 5/16-18 x 3/8            |
| 19          | 159106      | 1    | SPRING                             |
| 20          | 928731      | 1    | LOCKNUT, Jam, 3/8-16               |
| 21          | 157287      | 1    | SPACER                             |
| 22          | 157277      | 1    | BRACKET ASSY.                      |
| 23          | 157088      | 1    | LOCK, Parking Brake                |
| 24          | 159180      | 1    | BRACE, Brake                       |
| 25          | 159181      | 1    | SPRING                             |
| 26          | 918212      | 1    | CAPSCREW, Hex Hd., 7/16-14 x 1     |
| 27          | 916432      | 1    | CAPSCREW, Hex Hd., 7/16-14 x 1-1/4 |
| 28          | 918199      | 2    | LOCKWASHER, 7/16                   |
| 29          | 930655      | 3    | NUT, Speed, 5/16-18                |
| 30          | 159038      | 1    | SUPPORT ASSY., Hood                |
| 31          | 921332      | 4    | CAPSCREW, Hex Hd., 5/16-18 x 3/4   |
| 32          | 922129      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 1/2    |
| 33          | 156134      | 1    | BAND ASSY., Brake                  |
| 34          | 917642      | 4    | WASHER, Plain, 5/16                |
| 35          | 921969      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2  |
| 36          | 918964      | 1    | LOCKWASHER, 1/4                    |
| 37          | 916622      | 3    | NUT, Hex, Full, 1/4-20             |
| 38          | 159059      | 1    | ROD, Brake                         |
| 39          | 923362      | 2    | LOCKNUT, Hex, 5/16-18              |
| 40          | 8191022     | 1    | COLLAR, Set                        |
| 41          | 156303      | 1    | GUIDE ASSY., Rod                   |
| 42          | 154372      | 2    | CLAMP, Hose                        |
| 43          | 156176      | 1    | VALVE, Shut Off                    |
| 44          | 159083      | 2    | SUPPORT, Fuel Tank                 |
| 45          | 919316      | 2    | CAPSCREW, Hex Hd., 1/4-20 x 1-3/4  |
| 46          | 157002      | 2    | STRAP, Tank                        |
| 47          | 154416      | 1    | CAP, Fuel Tank                     |
| 48          | 159135      | 1    | CAP, Fuel Tank                     |
| 49          | 928693      | 2    | SCREW, Thumb                       |
| 50          | 159074      | 1    | HOOD                               |
| 51          | 121399      | 2    | GASKET, Felt                       |
| 52          | 159075      | 1    | BRACKET, Hood                      |
| 53          | 159082      | 1    | TANK, Fuel                         |
| 54          | 156177      | 1    | HOSE, Fuel                         |
| 55          | 928804      | 1    | SETSCREW, 1/4-20 x 3/8             |
| 56          | 164094      | 1    | GUIDE ASSY., Rod                   |
| 57          | 156302      | 1    | SPRING                             |
| 58          | 154119      | 1    | CLIP, Spring                       |
| 59          | 159127      | 1    | DECAL                              |
| 60          | 159163      | 1    | TAPE                               |
| 61          | 159184      | 2    | DECAL                              |
| 62          | 159186      | 1    | DECAL, W.B. Special                |
| 63          | 159185      | 1    | DECAL, W.B. Super                  |
| 64          | 159130      | 1    | DECAL                              |
| 65          | 165098      | 1    | DECAL                              |



NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.

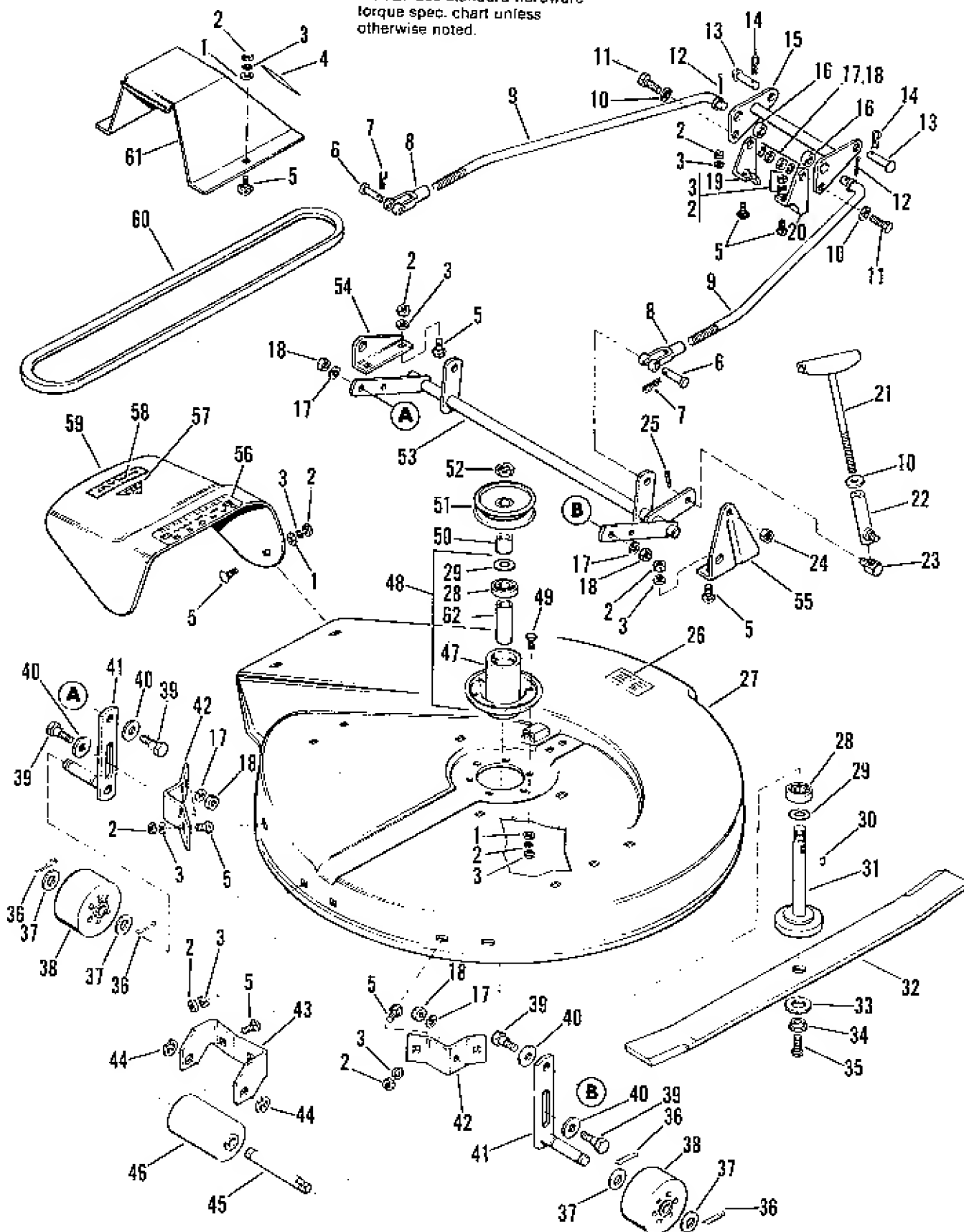


| Ref.<br>No. | Part<br>No. | Qty. | Description                      |
|-------------|-------------|------|----------------------------------|
| 1           | 918213      | 1    | NUT, Hex, Full, 7/16-14          |
| 2           | 159036      | 1    | PLATE ASSY., Side, L.H.          |
| 3           | 159123      | 3    | BEARING                          |
| 4           | 917355      | 3    | LOCKWASHER, 5/16                 |
| 5           | 919319      | 3    | CAPSCREW, Hex Hd., 5/16-18 x 7/8 |
| 6           | 912808      | 1    | FITTING, Grease, #1641           |
| 7           | 156119      | 1    | PULLEY, Transmission             |
| 8           | 103178      | 1    | TUBE ASSY., W/Bearing            |
| 9           | 159124      | 1    | SEAL, Grease                     |
| 10          | 156211      | 2    | CAP, Hub                         |
| 11          | 173025      | 1    | WHEEL ASSY., R.H.                |
| 12          | 157490      | 2    | TIRE, Tubeless                   |
| 13          | 118053      | 2    | PIN                              |
| 14          | 918451      | 2    | PIN, Cotter, 1/8 x 3/4           |
| 15          | 118118      | 1    | SEAL, Oil                        |
| 16          | 921966      | 3    | CAPSCREW, Hex Hd., 3/8-16 x 7/8  |
| 17          | 916965      | 3    | LOCKWASHER, 3/8                  |
| 18          | 917378      | 3    | WASHER, Plain, 3/8               |
| 19          | 103170      | 1    | HOUSING ASSY., Axle W/Bearings   |
| 20          | 156099      | 1    | SEAL, Oil                        |
| *21         | 159096      | 1    | WHEEL & TIRE ASSY., Rear, L.H.   |
| **22        | 159095      | 1    | WHEEL & TIRE ASSY., Rear, R.H.   |
| 23          | 159154      | 1    | WHEEL ASSY., L.H.                |
| 24          | 121342      | 2    | BUTTON, Plug                     |
| *25         | 159144      | 1    | WHEEL & TIRE ASSY., R.H.         |
| *26         | 159142      | 1    | WHEEL & TIRE ASSY., L.H.         |

\*Used On Mfg. No. 990332.

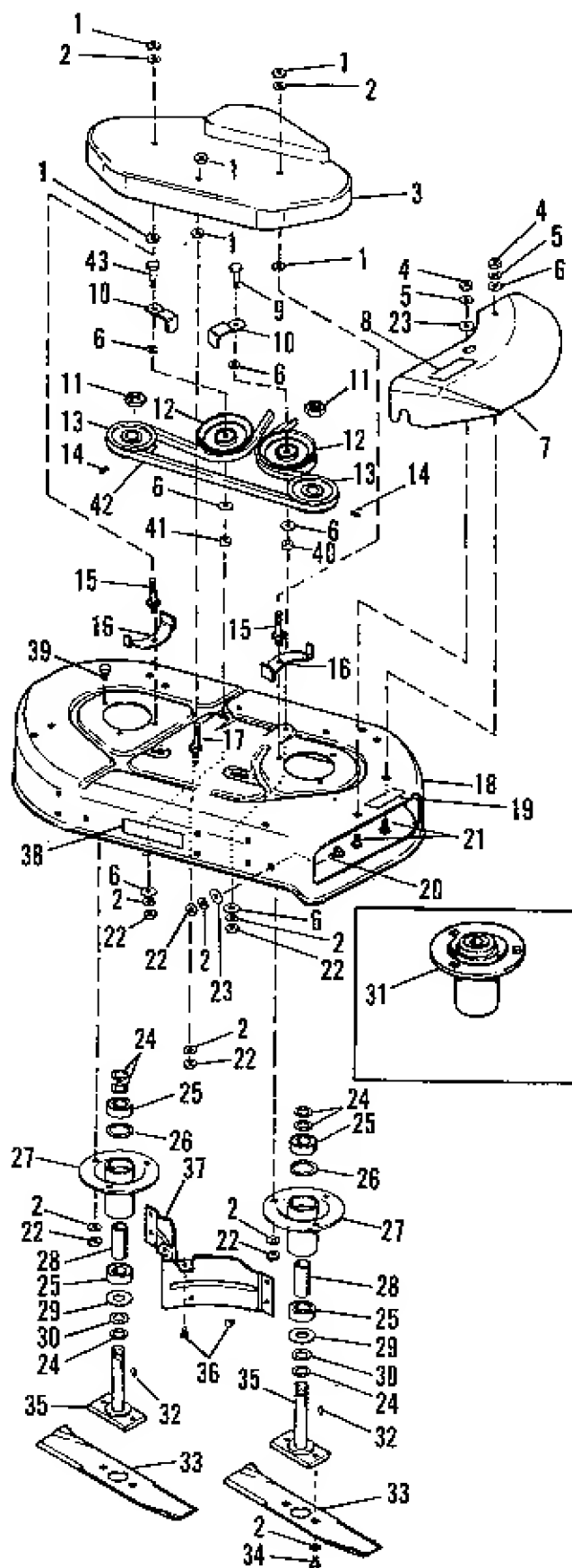
\*\*Used on Mfg. No. 990329.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



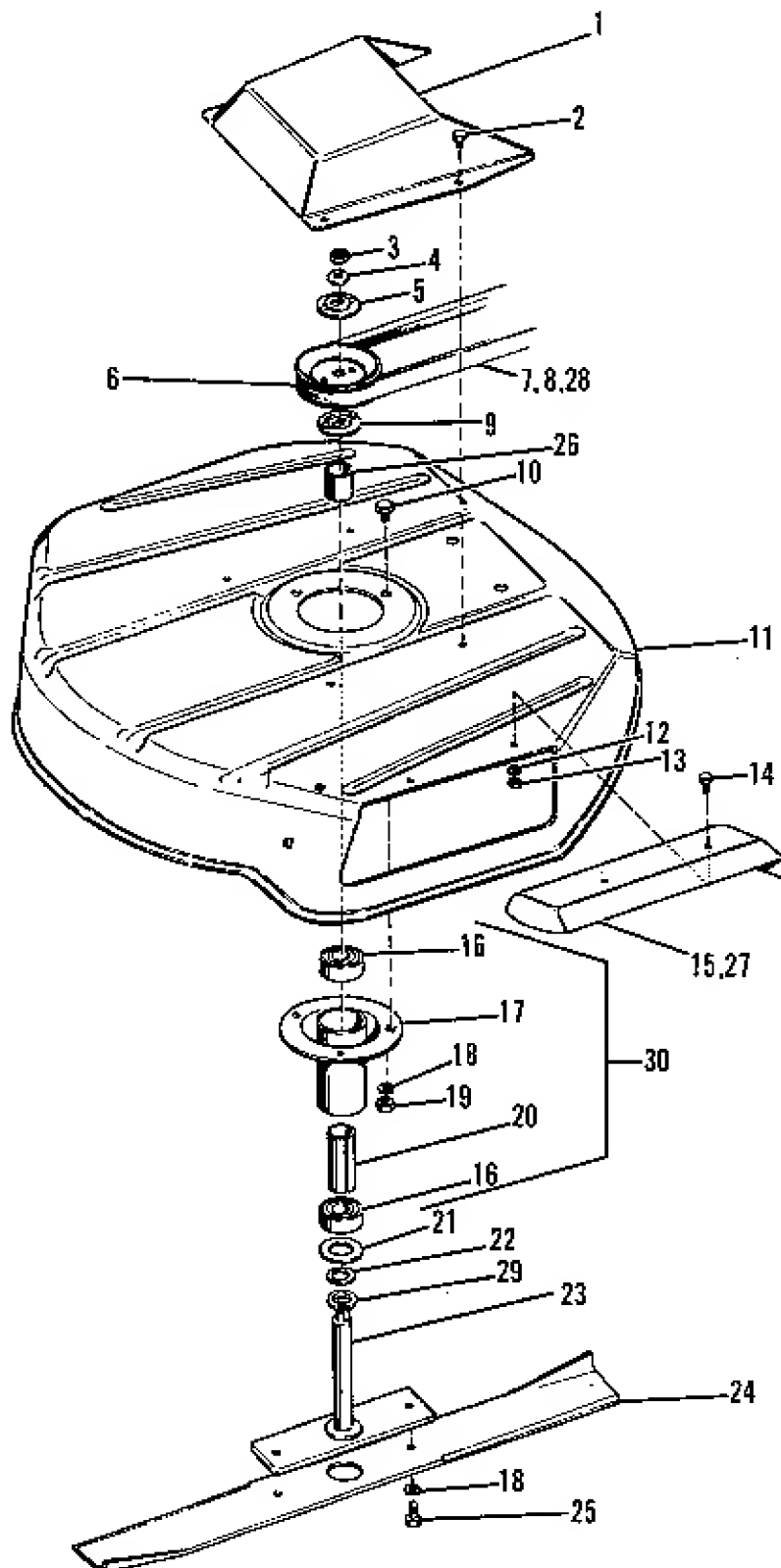
| Ref.<br>No. | Part<br>No. | Qty. | Description                             |
|-------------|-------------|------|---|
| 1           | 917642      | 11   | WASHER, Plain, 5/16                     |
| 2           | 917372      | 25   | NUT, Hex, Full, 5/16-18                 |
| 3           | 917358      | 25   | LOCKWASHER, 5/16                        |
| 4           | 108405      | 1    | DECAL, S                                |
| 5           | 930685      | 19   | BOLT, Carriage, 5/16-18 x 5/8           |
| 6           | 154305      | 2    | PIN, Yoke                               |
| 7           | 918196      | 2    | PIN, Quick                              |
| 8           | 154304      | 2    | YOKE                                    |
| 9           | 174814      | 2    | ROD, Adjusting                          |
| 10          | 917378      | 3    | WASHER, Plain, 3/8                      |
| 11          | 921960      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2       |
| 12          | 918452      | 2    | PIN, Cotter, 1/8 x 1                    |
| 13          | 118053      | 2    | PIN                                     |
| 14          | 106788      | 2    | CLIP, Hair Pin                          |
| 15          | 174863      | 1    | BELLCRANK ASSY.                         |
| 16          | 1602228     | 2    | SPACER                                  |
| 17          | 916985      | 6    | LOCKWASHER, 3/8                         |
| 18          | 916950      | 6    | NUT, Hex, Full, 3/8-16                  |
| 19          | 1603145     | 1    | ANCHOR, Housing, L.H.                   |
| 20          | 1603146     | 1    | ANCHOR, Housing, R.H.                   |
| 21          | 108415      | 1    | SCREW ASSY., Adjusting                  |
| 22          | 108287      | 1    | SOCKET ASSY., Crank                     |
| 23          | 108512      | 1    | PIVOT                                   |
| 24          | 930651      | 1    | LOCKNUT, Hex, 3/8-16                    |
| 25          | 922000      | 1    | PIN, Cotter, 3/32 x 5/8                 |
| 26          | 1601918     | 1    | TRANSFER, Patent                        |
| 27          | 1602181     | 1    | HOUSING, 26"                            |
| 28          | 108202      | 2    | BEARING, Ball                           |
| 29          | 108472      | 2    | WASHER                                  |
| 30          | 918312      | 1    | KEY, Woodruff, #61                      |
| 31          | 174603      | 1    | ARBOR ASSY.                             |
| 32          | 1607534     | 1    | BLADE, 26"                              |
| 33          | 1605746     | 1    | WASHER, Belleville                      |
| 34          | 1605745     | 1    | WASHER, Shoulder                        |
| 35          | 1605933     | 1    | CAPSCREW, Hex Hd., 1/2-20 x 1 L.H. Thd. |
| 36          | 918458      | 4    | PIN, Cotter, 3/16 x 1                   |
| 37          | 919387      | 4    | WASHER, Plain, 5/8                      |
| 38          | 1655098     | 2    | ROLLER ASSY.                            |
| 39          | 172622      | 4    | BOLT, Shoulder                          |
| 40          | 918430      | 4    | WASHER, Plain, 7/16                     |
| 41          | 1607603     | 2    | SUPPORT ASSY., Roller                   |
| 42          | 1602211     | 2    | BRACKET, Roller Support                 |
| 43          | 1603204     | 1    | BRACKET                                 |
| 44          | 1602155     | 2    | RING, Retaining                         |
| 45          | 1603205     | 1    | SHAFT, Center Roller                    |
| 46          | 108431      | 1    | ROLLER ASSY.                            |
| 47          | 1608664     | 1    | TUBE ASSY., Arbor                       |
| 48          | 1608705     | 1    | TUBE ASSY., Arbor W/Bearings            |
| 49          | 921332      | 6    | CAPSCREW, Hex Hd., 5/16-18 x 3/4        |
| 50          | 1653481     | 1    | SPACER                                  |
| 51          | 174910      | 1    | PULLEY, Mower                           |
| 52          | 922133      | 1    | LOCKNUT, Jam, 3/4-16                    |
| 53          | 174810      | 1    | ARM ASSY.                               |
| 54          | 1602193     | 1    | BRACKET, Pivot, L.H.                    |
| 55          | 174714      | 1    | BRACKET, Pivot, R.H.                    |
| 56          | 176151      | 1    | FILM, Safety                            |
| 57          | 176700      | 1    | DECAL, Safety                           |
| 58          | 103031      | 1    | DECAL, Safety                           |
| 59          | 174820      | 1    | DEFLECTOR                               |
| 60          | 174911      | 1    | BELT, V                                 |
| 61          | 174869      | 1    | COVER, Belt                             |
| 62          | 1602265     | 1    | SPACER                                  |

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                            |
|-------------|-------------|------|--|
| 1           | 930651      | 6    | LOCKNUT, Hex, 3/8-16                   |
| 2           | 916965      | 15   | LOCKWASHER, 3/8                        |
| 3           | 170160      | 1    | COVER, Housing                         |
| 4           | 917372      | 2    | NUT, Hex, Full, 5/16-18                |
| 5           | 917356      | 2    | LOCKWASHER, 5/16                       |
| 6           | 917642      | 7    | WASHER, Plain, 5/16                    |
| 7           | 108504      | 1    | DEFLECTOR                              |
| 8           | 103031      | 1    | DECAL, Safety                          |
| 9           | 923701      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 2          |
| 10          | 106717      | 2    | GUIDE, Belt                            |
| 11          | 922133      | 3    | LOCKNUT, Jam, 3/4-16                   |
| 12          | 106716      | 2    | PULLEY, Idler                          |
| 13          | 177005      | 2    | PULLEY                                 |
| 14          | 930544      | 2    | SETSCREW, 5/16-18 x 3/8                |
| 15          | 106771      | 2    | STUD                                   |
| 16          | 170163      | 2    | GUIDE, Belt                            |
| 17          | 108372      | 1    | STUD                                   |
| 18          | 158614      | 1    | HOUSING, Mower                         |
| 19          | 108507      | 1    | FILM, Safety                           |
| 20          | 920562      | 2    | BOLT, Carriage, 3/8-16 x 3/4           |
| 21          | 922110      | 2    | BOLT, Carriage, 5/16-18 x 3/4          |
| 22          | 916950      | 11   | NUT, Hex, Full, 3/8-16                 |
| 23          | 8161199     | 2    | WASHER, Special                        |
| 24          | 108181      | 6    | WASHER                                 |
| 25          | 108202      | 4    | BEARING, Roller                        |
| 26          | 108134      | 2    | RING, Backing                          |
| 27          | 108679      | 2    | TUBE ASSY., Arbor                      |
| 28          | 108201      | 2    | SPACER                                 |
| 29          | 108257      | 2    | WASHER                                 |
| 30          | 108472      | 2    | WASHER                                 |
| 31          | 108822      | 1    | TUBE ASSY., Arbor W/Bearings           |
| 32          | 918312      | 2    | KEY, Woodruff, #61                     |
| 33          | 108298      | 2    | BLADE, Knife                           |
| 34          | 922586      | 4    | CAPSCREW, Hex Hd., 3/8-16 x 5/8        |
| 35          | 108250      | 2    | ARBOR ASSY.                            |
| 36          | 927428      | 6    | SCREW, Hex, Self Tapping, 1/4-20 x 3/8 |
| 37          | 108531      | 1    | BAFFLE                                 |
| 38          | 155061      | 1    | DECAL, Simplicity                      |
| 39          | 921965      | 6    | CAPSCREW, Hex Hd., 3/8-16 x 3/4        |
| 40          | 159029      | 1    | SPACER                                 |
| 41          | 158227      | 1    | SPACER                                 |
| 42          | 170164      | 1    | BELT, V, Drive                         |
| 43          | 921971      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-3/4      |

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



| Ref.<br>No. | Part<br>No. | Qty. | Description                                  |
|-------------|-------------|------|--|
| 1           | 108402      | 1    | GUARD, Bell                                  |
| 2           | 927428      | 4    | SCREW, Hex, Washer Hd., Tapfit, 1/4-20 x 3/8 |
| 3           | 930651      | 1    | LOCKNUT, Hex, 3/8-16                         |
| 4           | 917642      | 1    | WASHER, Plain, 5/16                          |
| 5           | 158378      | 2    | WASHER, Special                              |
| 6           | 1609004     | 1    | PULLEY                                       |
| **7         | 106016      | 1    | BELT, V                                      |
| *8          | 108407      | 1    | BELT, V                                      |
| 9           | 108399      | 1    | SPACER                                       |
| 10          | 908127      | 3    | CAPSCREW, Hex Hd., 3/8-16 x 3/4              |
| 11          | 108403      | 1    | HOUSING, 24"                                 |
| 12          | 921880      | 2    | LOCKWASHER, Exl., 1/4                        |
| 13          | 916622      | 2    | NUT, Hex, Full, 1/4-20                       |
| 14          | 908295      | 2    | CAPSCREW, Hex Hd., 1/4-20 x 1/2              |
| 15          | 108404      | 1    | DEFLECTOR                                    |
| 16          | 103202      | 2    | BEARING, Ball                                |
| 17          | 108203      | 1    | TUBE ASSY., Arbor                            |
| 18          | 916965      | 5    | LOCKWASHER, 3/8                              |
| 19          | 916950      | 3    | NUT, Hex, Full, 3/8-16                       |
| 20          | 108201      | 1    | SPACER                                       |
| 21          | 108257      | 1    | WASHER                                       |
| 22          | 108181      | 1    | WASHER                                       |
| 23          | 108397      | 1    | ARBOR ASSY.                                  |
| 24          | 108276      | 1    | BLADE, 24"                                   |
| 25          | 921965      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 3/4              |
| ***26       | 108399      | 1    | SPACER                                       |
| ***27       | 158519      | 1    | DEFLECTOR                                    |
| ***28       | 108248      | 1    | BELT, V                                      |
| ***29       | 108472      | 1    | WASHER                                       |
| ***30       | 1650533     | 1    | ARBOR ASSY., W/Bearings & Hardware           |

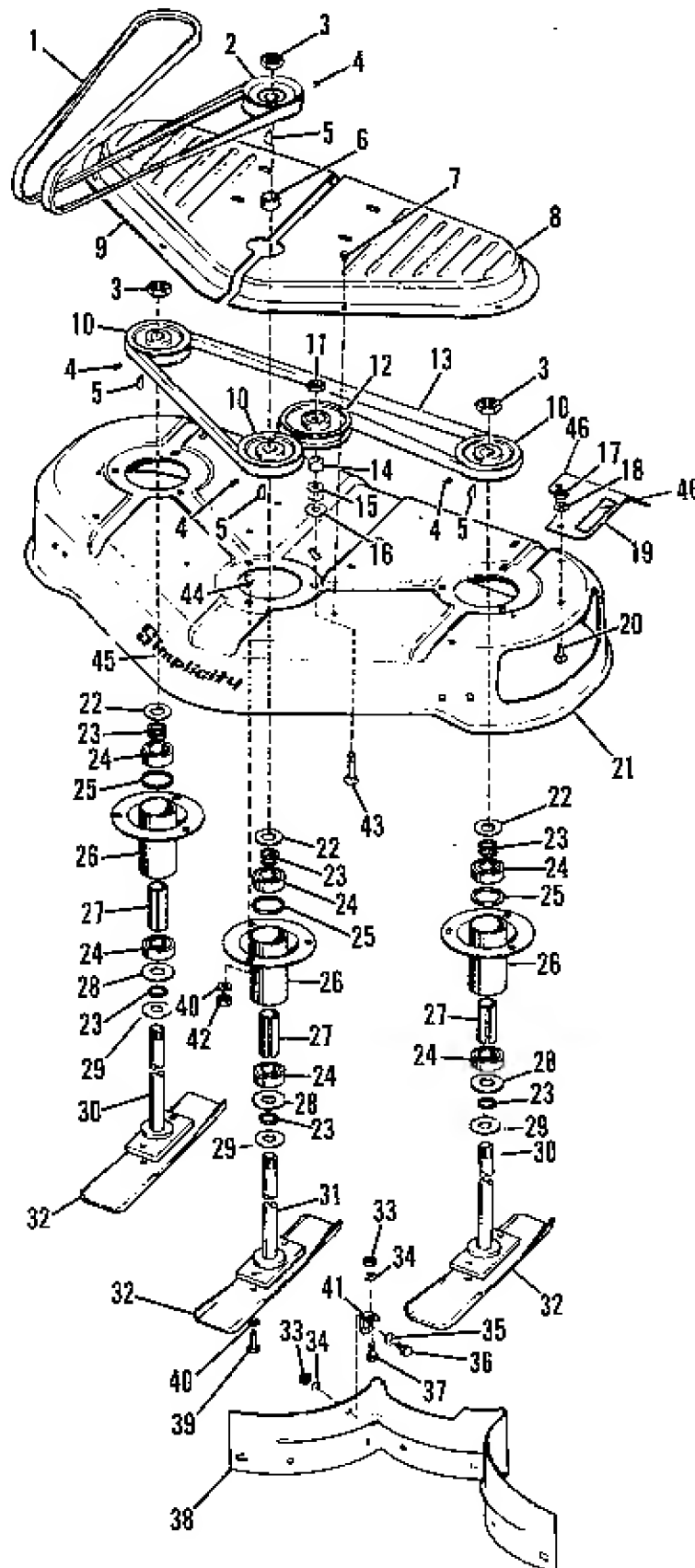
\*Used on Mfg. No. 990357.

\*\*Used on Mfg. No. 990391.

\*\*\*Used on Mfg. No. 990554.

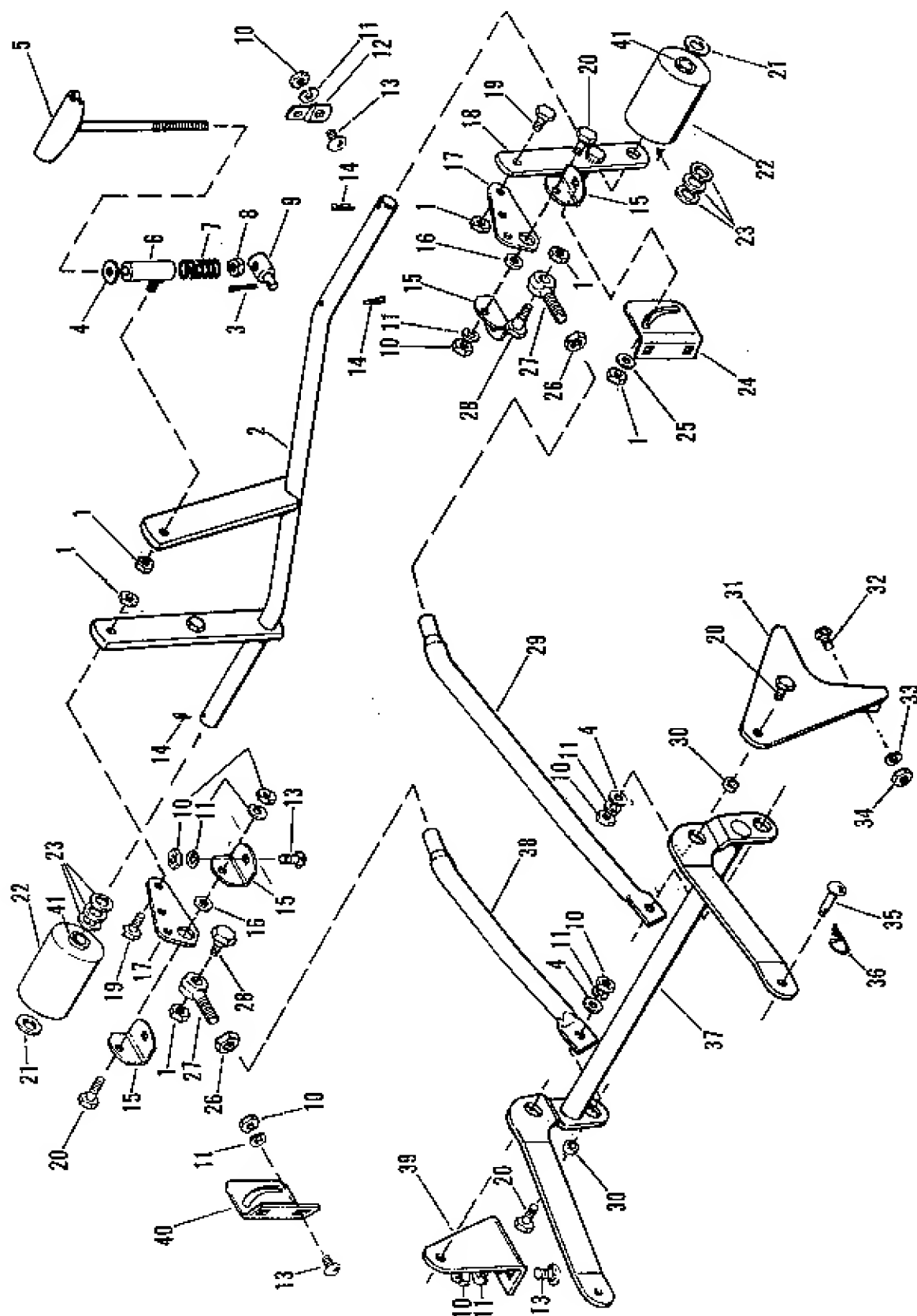
NOTE: Ref. No. 30 includes Ref. Nos. 16, 17, 18, 19 &amp; 20.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.





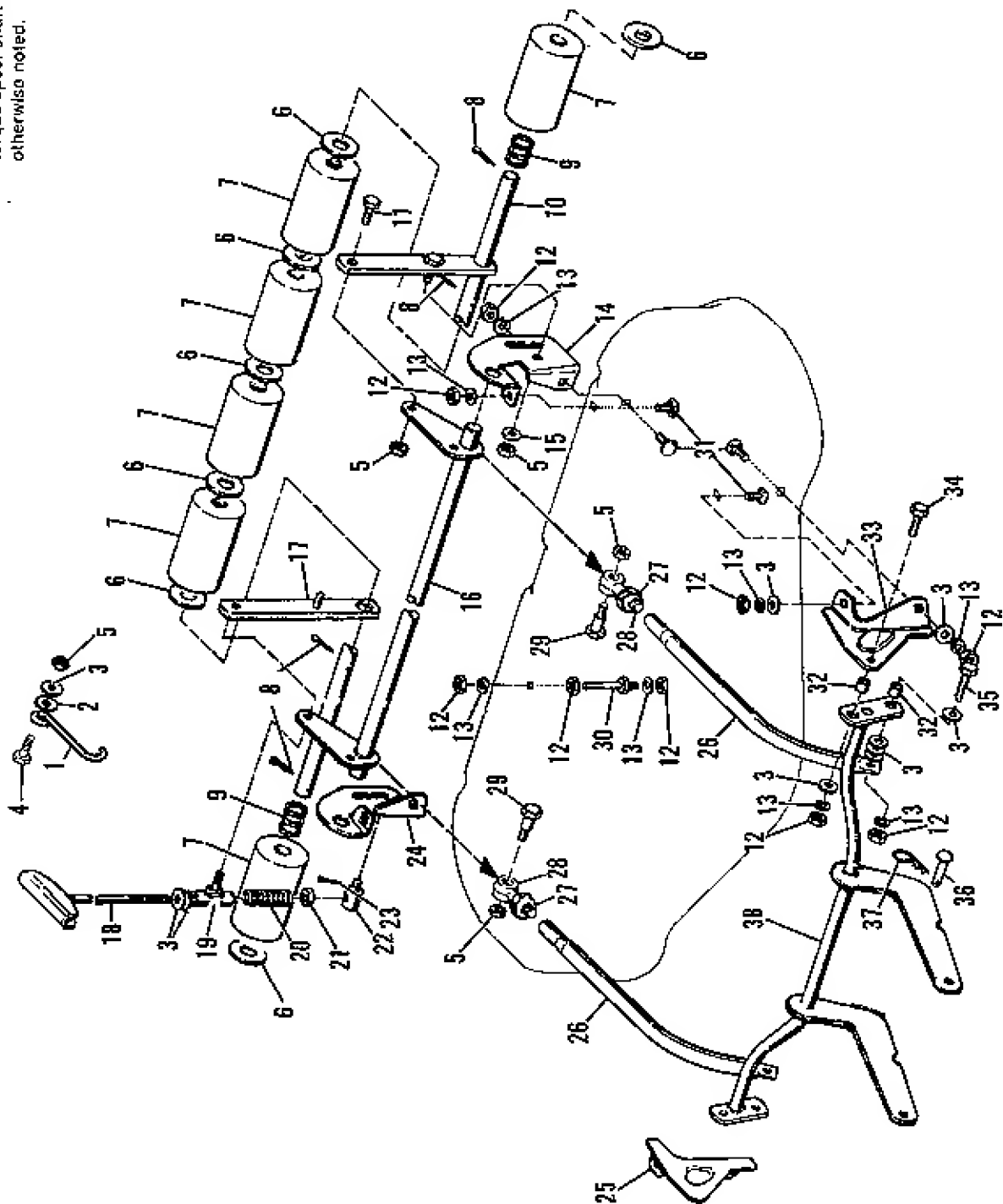
| Ref.<br>No. | Part<br>No. | Qty. | Description                            |
|-------------|-------------|------|--|
| 1           | 108389      | 1    | BELT, V, Drive                         |
| 2           | 108246      | 1    | PULLEY, Drive                          |
| 3           | 922133      | 3    | LOCKNUT, Jam, 3/4-16                   |
| 4           | 930544      | 4    | SETSCREW, 5/16-18 x 3/8                |
| 5           | 910224      | 4    | KEY, Woodruff, #6                      |
| 6           | 108371      | 1    | SPACER                                 |
| 7           | 922123      | 8    | SCREW, Hex, Self Tapping, 1/4-20 x 7/8 |
| 8           | 108302      | 1    | COVER, L.H.                            |
| 9           | 108301      | 1    | COVER, R.H.                            |
| 10          | 177005      | 3    | PULLEY                                 |
| 11          | 930651      | 1    | LOCKNUT, Hex, 3/8-16                   |
| 12          | 108388      | 1    | PULLEY, Idler                          |
| 13          | 108151      | 1    | BELT, V                                |
| 14          | 157081      | 1    | SPACER                                 |
| 15          | 917642      | 1    | WASHER, Plain, 5/16                    |
| 16          | 918431      | 1    | WASHER, Plain, 1/2                     |
| 17          | 917372      | 2    | NUT, Hex, Full, 5/16-18                |
| 18          | 917356      | 2    | LOCKWASHER, 5/16                       |
| 19          | 108499      | 1    | DEFLECTOR                              |
| 20          | 920562      | 2    | BOLT, Carriage, 5/16-18 x 3/4          |
| 21          | 103295      | 1    | HOUSING, Mower                         |
| 22          | 108139      | 3    | FLINGER                                |
| 23          | 108181      | 6    | WASHER                                 |
| 24          | 108202      | 6    | BEARING, Ball                          |
| 25          | 108134      | 3    | RING, Backing                          |
| 26          | 108679      | 3    | TUBE ASSY., Arbor                      |
| 27          | 108201      | 3    | SPACER                                 |
| 28          | 108257      | 3    | WASHER                                 |
| 29          | 108472      | 3    | WASHER                                 |
| 30          | 108250      | 2    | ARBOR ASSY.                            |
| 31          | 108369      | 1    | DRIVE ASSY., Arbor                     |
| 32          | 108297      | 3    | BLADE                                  |
| 33          | 916622      | 9    | NUT, Hex, Full, 1/4-20                 |
| 34          | 916664      | 9    | LOCKWASHER, 1/4                        |
| 35          | 917377      | 1    | WASHER, Plain, 1/4                     |
| 36          | 921959      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 5/8        |
| 37          | 922125      | 9    | SCREW, Hex, Self Tapping, 1/4-20 x 7/8 |
| 38          | 108187      | 1    | BAFFLE                                 |
| 39          | 922586      | 6    | CAPSCREW, Hex Hd., 3/8-16 x 5/8        |
| 40          | 916965      | 15   | LOCKWASHER, 3/8                        |
| 41          | 108186      | 1    | CLIP                                   |
| 42          | 916950      | 9    | NUT, Hex, Full, 3/8-16                 |
| 43          | 923420      | 1    | BOLT, Carriage, 3/8-16 x 1-3/4         |
| 44          | 922110      | 9    | BOLT, Carriage, 3/8-16 x 3/4           |
| 45          | 155061      | 1    | DECAL, Simplicity                      |
| 46          | 103031      | 1    | DECAL, Safety                          |



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

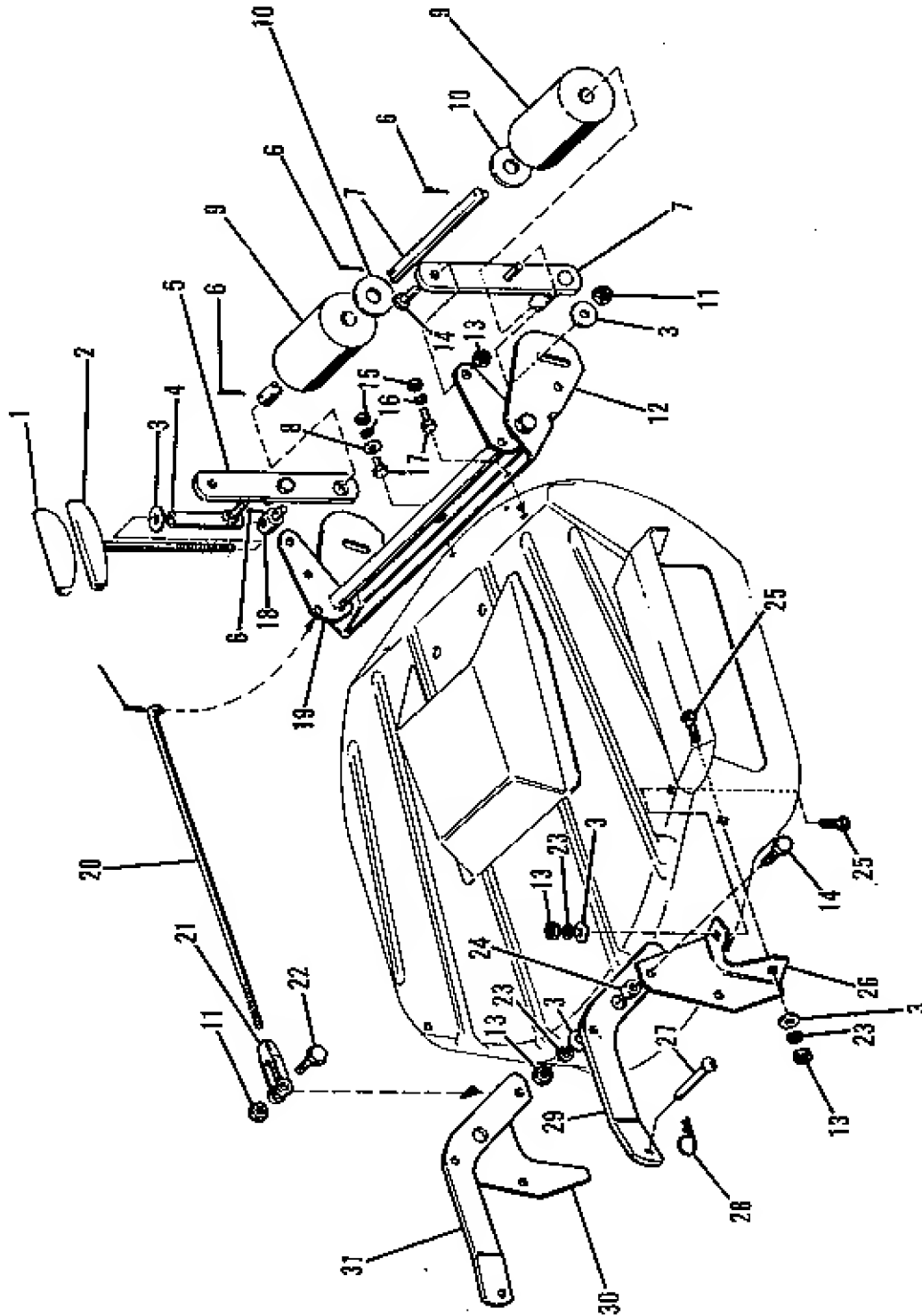
| Rel.<br>No. | Part<br>No. | Qty. | Description                     |
|-------------|-------------|------|---------------------------------|
| 1           | 930651      | 7    | LOCKNUT, Hex, 3/8-16            |
| 2           | 170138      | 1    | ROLLER BAR & SHAFT ASSY.        |
| 3           | 918447      | 1    | PIN, Cotter, 3/32 x 3/4         |
| 4           | 917378      | 3    | WASHER, Plain, 3/8              |
| 5           | 108415      | 1    | SCREW ASSY., Adjusting          |
| 6           | 108166      | 1    | SOCKET ASSY., Crank             |
| 7           | 108360      | 1    | SPRING                          |
| 8           | 917421      | 1    | LOCKNUT, Jam, 3/8-16            |
| 9           | 108172      | 1    | PIVOT                           |
| 10          | 916950      | 11   | NUT, Hex, Full, 3/8-16          |
| 11          | 916965      | 11   | LOCKWASHER, 3/8                 |
| 12          | 108510      | 1    | BRACKET                         |
| 13          | 922110      | 11   | BOLT, Carriage, 3/8-16 x 3/4    |
| 14          | 918458      | 3    | PIN, Cotter, 3/16 x 1           |
| 15          | 108513      | 4    | BRACKET, Pivotal                |
| 16          | 108511      | 2    | SPACER                          |
| 17          | 108161      | 2    | LEVER, Rear                     |
| 18          | 108256      | 1    | BAR ASSY., Roller               |
| 19          | 921966      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 7/8 |
| 20          | 921210      | 6    | CAPSCREW, Hex Hd., 3/8-16 x 1   |
| 21          | 116001      | 2    | WASHER                          |
| 22          | 108431      | 2    | ROLLER ASSY.                    |
| 23          | 8261055     | 6    | WASHER                          |
| 24          | 108516      | 1    | BRACKET, Roller, L.H.           |
| 25          | 917642      | 1    | WASHER, Plain, 5/16             |
| 26          | 919262      | 2    | LOCKNUT, Jam, 1/2-20            |
| 27          | 157215      | 2    | EYEBOLT                         |
| 28          | 108412      | 2    | BOLT, Shoulder                  |
| 29          | 158615      | 1    | ARM, Adjusting, L.H.            |
| 30          | 121349      | 4    | SPACER                          |
| 31          | 158628      | 1    | BRACKET, Front, L.H.            |
| 32          | 920562      | 1    | BOLT, Carriage, 5/16-18 x 3/4   |
| 33          | 917356      | 1    | LOCKWASHER, 5/16                |
| 34          | 917372      | 1    | NUT, Hex, Full, 5/16-18         |
| 35          | 100028      | 2    | PIN                             |
| 36          | 918196      | 2    | PIN, Quick                      |
| 37          | 158620      | 1    | HITCH ASSY., Mower              |
| 38          | 158623      | 1    | ARM, Adjusting, R.H.            |
| 39          | 158622      | 1    | BRACKET, Front, R.H.            |
| 40          | 108517      | 1    | BRACKET, Roller, R.H.           |
| 41          | 108419      | 4    | BUSHING                         |

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

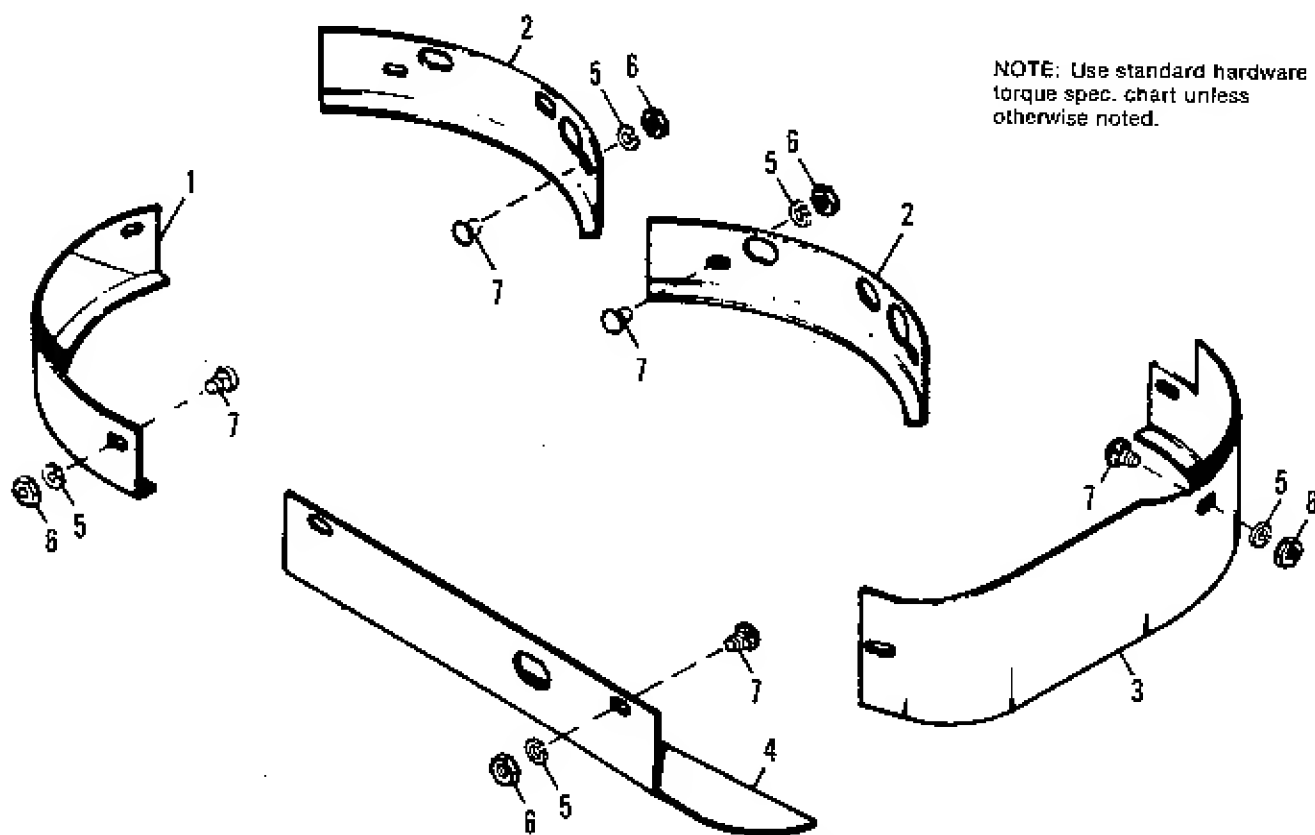


| Ref.<br>No. | Part<br>No. | Qty. | Description                       |
|-------------|-------------|------|-----------------------------------|
| 1           | 159111      | 1    | HOOK                              |
| 2           | 159134      | 1    | WASHER, Special                   |
| 3           | 917378      | 17   | WASHER, Plain, 3/8                |
| 4           | 920415      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 5           | 930651      | 6    | LOCKNUT, Hex, 3/8-16              |
| 6           | 116001      | 7    | WASHER                            |
| 7           | 108431      | 6    | ROLLER ASSY.                      |
| 8           | 918458      | 4    | PIN, Cotter, 3/16 x 1             |
| 9           | 8261055     | 6    | WASHER (as required)              |
| 10          | 108254      | 1    | BAR & SHAFT ASSY.                 |
| 11          | 921966      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 7/8   |
| 12          | 916950      | 13   | NUT, Hex, Full, 3/8-16            |
| 13          | 916965      | 13   | LOCKWASHER, 3/8                   |
| 14          | 108163      | 1    | BRACKET, Roller, L.H.             |
| 15          | 917642      | 2    | WASHER, Plain, 5/16               |
| 16          | 108160      | 1    | LEVER ASSY., Rear                 |
| 17          | 108256      | 1    | BAR ASSY., Roller                 |
| 18          | 108415      | 1    | SCREW ASSY., Adj.                 |
| 19          | 108166      | 1    | SOCKET ASSY., Crank               |
| 20          | 108360      | 1    | SPRING                            |
| 21          | 917421      | 1    | LOCKNUT, Jam, 3/8-16              |
| 22          | 108172      | 1    | PIVOT                             |
| 23          | 918447      | 1    | PIN, Cotter, 3/32 x 3/4           |
| 24          | 108159      | 1    | BRACKET, Roller, R.H.             |
| 25          | 108376      | 1    | BRACKET, Front, R.H.              |
| 26          | 108411      | 2    | ARM, Adjusting                    |
| 27          | 919262      | 2    | LOCKNUT, Jam, 1/2-20              |
| 28          | 157215      | 2    | EYEBOLT                           |
| 29          | 108412      | 2    | BOLT, Shoulder                    |
| 30          | 108372      | 1    | STUD                              |
| 31          | 922110      | 8    | BOLT, Carriage, 3/8-16 x 3/4      |
| 32          | 154177      | 4    | SPACER                            |
| 33          | 108377      | 1    | BRACKET, Front, L.H.              |
| 34          | 921210      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1     |
| 35          | 920415      | 2    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 36          | 156306      | 2    | PIN                               |
| 37          | 918196      | 2    | PIN, Quick                        |
| 38          | 108387      | 1    | HITCH ASSY., Mower                |

NOTE: Use standard hardware  
torque spec. chart unless  
otherwise noted.



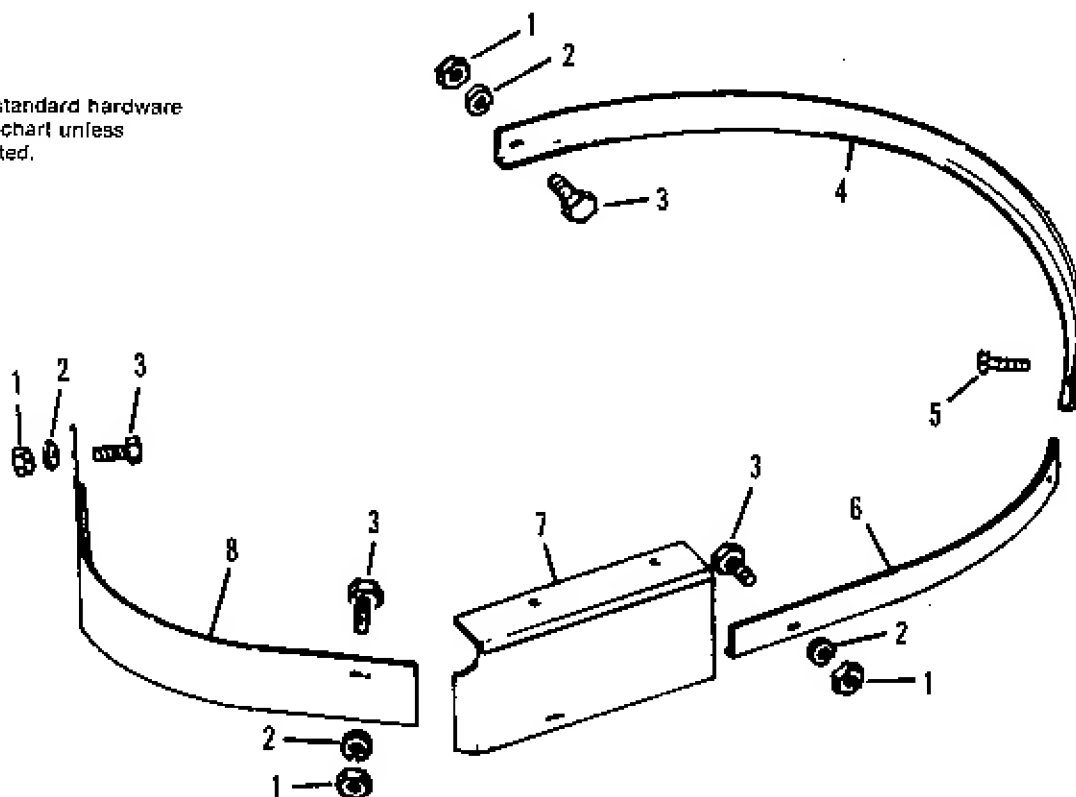
| Rel.<br>No. | Part<br>No. | Qty. | Description                       |
|-------------|-------------|------|-----------------------------------|
| 1           | 106516      | 1    | COVER, Handle                     |
| 2           | 108415      | 1    | SCREW ASSY., Adjusting            |
| 3           | 917378      | 7    | WASHER, Plain, 3/8                |
| 4           | 108287      | 1    | SOCKET ASSY., Crank               |
| 5           | 108278      | 1    | BAR ASSY., Roller                 |
| 6           | 918447      | 5    | PIN, Cotter, 3/32 x 3/4           |
| 7           | 108277      | 1    | ROLLER BAR & SHAFT ASSY.          |
| 8           | 917642      | 1    | WASHER, Plain, 5/16               |
| 9           | 108431      | 2    | ROLLER                            |
| 10          | 116001      | 3    | WASHER                            |
| 11          | 930651      | 3    | LOCKNUT, Hex, 3/8-16              |
| 12          | 108270      | 1    | BRACKET, Roller                   |
| 13          | 916950      | 6    | NUT, Hex, Full, 3/8-16            |
| 14          | 921210      | 5    | CAPSCREW, Hex Hd., 3/8-16 x 1     |
| 15          | 917372      | 2    | NUT, Hex, Full, 5/16-18           |
| 16          | 917356      | 2    | LOCKWASHER, 5/16                  |
| 17          | 921332      | 2    | CAPSCREW, Hex Hd., 5/16-18 x 3/4  |
| 18          | 108172      | 1    | PIVOT                             |
| 19          | 108283      | 1    | LEVER ASSY., Rear                 |
| 20          | 108286      | 1    | ROD, Height Adjusting             |
| 21          | 108157      | 1    | CLEVIS, Adjusting                 |
| 22          | 929726      | 1    | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 23          | 916965      | 6    | LOCKWASHER, 3/8                   |
| 24          | 154177      | 2    | BUSHING                           |
| 25          | 922110      | 4    | BOLT, Carriage, 3/8-16 x 3/4      |
| 26          | 108274      | 1    | BRACKET, Front, L.H.              |
| 27          | 100028      | 2    | PIN                               |
| 28          | 918196      | 2    | CLIP, Spring                      |
| 29          | 108272      | 1    | LEVER, Front, L.H.                |
| 30          | 108273      | 1    | BRACKET, Front, R.H.              |
| 31          | 108271      | 1    | LEVER, Front, R.H.                |
| 32          |             |      |                                   |



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

### 24" Rotary Mower Leaf Mulcher Group

NOTE: Use standard hardware torque spec. chart unless otherwise noted.





Mfg. No. 990614

28" Rotary Mower Leaf Mulcher Group

**Simplicity**

2/80

| Ref.<br>No. | Part<br>No. | Qty. | Description                   |
|-------------|-------------|------|-------------------------------|
| 1           | 108541      | 1    | BAFFLE, Front, R.H.           |
| 2           | 108540      | 2    | BAFFLE, Rear, Center          |
| 3           | 108542      | 1    | BAFFLE, L.H.                  |
| 4           | 108539      | 1    | BAFFLE, Front, Center         |
| 5           | 917356      | 5    | LOCKWASHER, 5/16              |
| 6           | 917372      | 5    | NUT, Hex, Full, 5/16-18       |
| 7           | 923700      | 5    | BOLT, Carriage, 5/16-18 x 1/2 |

Mfg. No. 990357, 990391




24" Rotary Mower Leaf Mulcher Group

2/80

| Ref.<br>No. | Part<br>No. | Qty. | Description                     |
|-------------|-------------|------|---------------------------------|
| 1           | 916622      | 4    | NUT, Hex, Full, 1/4-20          |
| 2           | 916964      | 4    | LOCKWASHER, 1/4                 |
| 3           | 921958      | 4    | CAPSCREW, Hex Hd., 1/4-20 x 1/2 |
| 4           | 108294      | 1    | BAFFLE, Rear                    |
| 5           | 921959      | 1    | CAPSCREW, Hex Hd., 1/4-20 x 5/8 |
| 6           | 108357      | 1    | BAFFLE, Rear, L.H.              |
| 7           | 108296      | 1    | BAFFLE, Side                    |
| 8           | 108295      | 1    | BAFFLE, Front                   |





**TORQUE SPECIFICATIONS FOR  
STANDARD MACHINE HARDWARE**  
TOLERANCE  $\pm 10\%$

| SIZE    | SAE GRADE #2<br> | SAE GRADE #5<br> | SAE GRADE #8<br> |
|---------|---|---|---|
| 8-32    | 19 In. Lbs.   | 30 In. Lbs.   | 41 In. Lbs.   |
| 8-36    | 20 "  | 31 "  | 43 "  |
| 10-24   | 27 "  | 43 "  | 60 "  |
| 10-32   | 31 "  | 49 "  | 68 "  |
| 1/4-20  | 66 "  | 8 Ft. Lbs   | 12 Ft. Lbs.   |
| 1/4-28  | 76 "  | 10 "  | 14 "  |
| 5/16-18 | 11 Ft. Lbs  | 17 "  | 25 "  |
| 5/16-24 | 12 "  | 19 "  | 25 "  |
| 3/8-16  | 20 "  | 30 "  | 45 "  |
| 3/8-24  | 23 "  | 35 "  | 50 "  |
| 7/16-14 | 30 "  | 50 "  | 70 "  |
| 7/16-20 | 35 "  | 55 "  | 80 "  |
| 1/2-13  | 50 "  | 75 "  | 110 "   |
| 1/2-20  | 55 "  | 90 "  | 120 "   |
| 9/16-20 | 65 "  | 110 "   | 150 "   |
| 9/16-18 | 75 "  | 120 "   | 170 "   |
| 5/8-11  | 90 "  | 150 "   | 220 "   |
| 5/8-18  | 100 "   | 180 "   | 240 "   |
| 3/4-10  | 160 "   | 260 "   | 386 "   |
| 3/4-16  | 180 "   | 300 "   | 420 "   |
| 7/8-9   | 140 "   | 400 "   | 600 "   |
| 7/8-14  | 155 "   | 440 "   | 660 "   |
| 1-8     | 220 "   | 580 "   | 900 "   |
| 1-12    | 240 "   | 640 "   | 1,000 "   |

**NOTES:**

- These torque values are to be used for all Simplicity hardware excluding: locknuts, self-tapping screws, thread forming screws, and sheet metal screws.
- Unless otherwise noted on assembly drawings all torque values must meet this specification.

**BOLT HEAD MARKING  
S.A.E. GRADE:**

- 2 
- 5 
- 8 